FEDERAL ITEM IDENTIFICATION GUIDE

CRAFTSMENS MEASURING TOOLS

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Commander

Defense Logistics Information Service

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BY ORDER OF THE DIRECTOR

/s/

Commander

Defense Logistics Information Service

Contents

GENERAL INFORMATION

1. Purpose and Scope

This Federal Item Identification Guide (FIIG) is a self-contained document for the collection, coding, transmittal, and retrieval of item characteristics and related supply management data for an item of supply for logistical use. This FIIG is to be used to describe items of supply identified by the index of approved item names appearing in this section.

2. Contents

This FIIG is comprised of the following:

Index of Approved Item Names Covered by this FIIG
Applicability Key Index
Section I - Item Characteristics Data Requirements
Section III - New text that should be here.
Appendix A - Reply Tables
Appendix B - Reference Drawing Groups (as applicable)
Appendix C - Technical Data Tables (as applicable)

a. Index of Approved Item Names Covered by this FIIG:

The index lists the approved item names with definitions and item name codes as they appear in Cataloging Handbook H6, applicable to this FIIG. In addition, each name entry is assigned an applicability key for use in relating the characteristics requirements in Section I to the specific item name.

b. Applicability Key Index:

The purpose of this index is to provide the user with a ready reference for determining the specific requirements which are applicable to a given approved item name. This index lists all requirements in sequence as they appear in the FIIG. The applicability of a Master Requirement Coded requirement is indicated by the column headed by the specific item name applicability key as follows:

(1) The letter "X" indicates the requirement must be answered for a full descriptive item.

(2) The letters "AR" indicate the requirement is to be answered as required by (1) instructional notes within the FIIG; (2) when the reply is predicated on replies to a related main requirement; or (3) when an asterisk (*) is used in conjunction with the applicability key column in Section I.

(3) A blank in the column indicates the requirement is not applicable to the specific item name.

c. Section I - Item Characteristics Data Requirements:

This section contains the physical and performance characteristics requirements needed to describe and identify an item of supply. These characteristics differentiate one item from all other items of supply and are to be used to meet the needs of all supported functions. This section is arranged in columns. Identification of each column and instructions pertinent thereto are as follows:

(1) Applicability Key:

The first column shows the applicability key(s) for each requirement. It indicates whether the requirement need be satisfied for the item being identified. "ALL" indicates that the requirement must be answered for all items covered by the FIIG. One or more alphabetic character(s) or group of one or more alphabetic characters indicates a response is required when describing items with an approved item name or names represented by the key(s). An asterisk (*) used in conjunction with any applicability key indicates that the characteristic stated in the requirement may not be applicable to all items covered by the FIIG.

(2) Master Requirement Codes (MRC):

A four-position code which is assigned to a FIIG requirement for identification of the requirement, cross-referencing requirements in the various sections and appendices of the FIIG, and for mechanized processing and retrieval of FIIG generated data. Absence of a MRC for a requirement indicates a lead-in to requirements with individual MRCs in Appendix B.

(a) The coding technique for providing MULTIPLE/OPTIONAL responses will not be used for a Section I requirement assigned Mode Code A or L that leads to Appendix B sketches with dimensional requirements.

(b) Identified Secondary Address Coding:

This technique is for extending the Master Requirement Code so that a unique address is provided for each application of the requirement in relation to the item and is authorized only as instructed within the requirement. Responses coded through this technique will always consist of the following: (1) Master Requirement Codes, (2) indicator code (a single numeric character determined by the number of positions contained), (3) identified secondary address code (1 to 3-digit alphabetic codes determined by the number of predicted replies), (4) the mode code, (5) the reply code and/or clear text response, and (6) end with a record separator (*). Steps (1) through (6) are repeated for each application of the requirement.

(c) AND/OR coding:

A technique for extending the Master Requirement Code to provide a distinctive address for multiple responses to the same requirement. Responses coded through this technique will always consist of (1) Master Requirement Code, (2) mode code, (3) the response or reply code (as instructed by the requirement), (4) a single dollar sign ($) for an OR condition, or a double dollar sign ($$) for an AND condition, (5) the mode code, (6) the response or reply code

(followed by conditions (4) through (6) for each of the multiple responses) and (7) end with a record separator (*). NOTE: Apply this technique only when instructed by the requirement sample reply (e.g.).

(3) Mode Code:

A one-position alphabetic code that specifies the manner in which a response will be prepared. Each requirement assigned a MRC is also assigned a mode code. Sample replies follow each FIIG requirement displaying the proper construction of a response for the assigned mode code. The response to a requirement will always be prepared in accordance with the assigned mode code and sample reply except in the following instances:

(a) Use of E Mode Code replies is not authorized. If a reply needed to describe an item is not listed in the applicable table, contact the FIIG Initiator.

(b) Mode Code K may not be used for any requirement unless instructed by the requirement instructions.

(4) Requirement:

This portion includes the characteristics data elements and data use identifiers required to identify and differentiate one item of supply from another, narrative definitions, and explanations as to use and method of expression. Instructions for coding and preparing replies are also provided.

(5) Reply Code:

A code that represents an established authorized reply to a requirement.

d. Section III - Supplementary Technical and Supply Management Data:

This section includes those characteristics requirements necessary to support specific logistics functions other than National Stock Number assignment.

e. Appendix A - Reply Tables:

Tables of authorized replies to requirements and reply codes when the tables are too lengthy for inclusion in Section I/III, when applicable.

f. Appendix B - Reference Drawings:

This appendix contains representative illustrations which portray specific variations of one or more generic characteristics. If reference drawings contain requirements pages to be used in conjunction with illustrations for dimensioning purposes, the requirements pages will contain Master Requirement Codes, mode codes, and a statement of the requirement. A response to requirements on a requirements page is necessary only for those Master Requirement Codes applicable to the illustration selected.

g. Appendix C - Technical Data Tables:

This appendix contains conversion charts and similar data pertinent to the requirements in Section I/III, when applicable.

3. Enter administrative MRC CLQL immediately following the last FIIG requirement reply, as instructed below:

MRC	Mode Code	Requirement	Example
CLQL	G	COLLOQUIAL NAME (common usage name by which an item is known)	CLQLGWOVEN WIRE CLOTH*

4. Special Instructions and Indicator Definitions

a. Measurements:

Unless otherwise indicated within a requirement example, enter all measurements in decimal form, carried to the nearest three decimal places, with a minimum of one digit preceding the decimal. For SI (metric), enter all measurements with a minimum of one digit before and after the decimal. For fraction to decimal conversion, see Appendix C.

b. Indicators:

A cross hatch (#) following an AIN, MRC, Reply Code or Drawing Number indicates for "ALL EXCEPT USA" use only.

5. Indexes

a. Index of Data Requirements

This index is arranged in alphabetic sequence by Master Requirement Code, cross-referenced to the applicable data requirement and page number(s).

b. Index of Approved Item Names

This index is arranged in alphabetic sequence referenced to Applicability Key.

c. Applicability Key Index

This index is arranged in Applicability Key Sequence.

6. Maintenance

Requests for revisions and other changes will be directed to:

[Page Break]

MRC Index

INDEX OF APPROVED ITEM NAMES COVERED BY THIS FIIG

Approved Item Name	INC	App Key
BEVEL, COMBINATION	05191	BA

An instrument used for laying out angles, for transferring any angle from one piece of work to another, or for determining an angle or combination of angles. It consists of a body, a slotted blade, and an auxilliary blade which can be clamped to a slotted blade.

BEVEL, FOLDING	33609	BA

An instrument used to determine angles and to adjust the surface of work to a given inclination. It consists of a handle with or without a locking device at the joint and a hinged steel blade without slots.

BEVEL, SHIP CARPENTER'S	05192	BB

A measuring instrument used to lay out, check, and measure angles. It consists of a graduated wood body, with a metal blade hinged at each end. The blades fold into the body.

BEVEL, SLIDING T	05193	BC

An instrument used to determine angles and to adjust the surface of work to a given inclination. It consists of a handle and a steel slotted blade. A locking device is provided.

BEVEL, UNIVERSAL	05194	BA

An instrument used for laying out, checking, or measuring any angle, however slight, or for adjusting surface of work to a given inclination. It consists of a slotted body and offset slotted blade or tongue. A tension lock nut is provided.

BLADE, THICKNESS GAGE	09216	XA

A tempered, steel strip of leaf, 12 inches (304.8mm) or less in length, ground to and normally marked with its specific thickness. The blade may have a hole in one end, which allows for insertion in a thickness gage used either singly or with a readily attachable handle for checking or setting valve tappets, piston clearance, ring gear and pinion play. Excludes bulk thickness gage stock.

CALIPER, ADIPOSE TISSUE	38064	FH

A precision measuring instrument designed to measure subcutaneous tissue.

CALIPER, DIGITAL DISPLAY	37803	NC

A precision measuring instrument used to determine accurate internal or external measurements. It consists of a ride stock with fixed jaw and an integral sliding tongue with integral jaw. The measuring value is electronically calculated and digitally displayed on the sliding tongue.

Approved Item Name	INC	App Key
CALIPER, DIGITAL DISPLAY, INSIDE #	42702	NE

A hand held instrument consisting of a pair of straight arms with outward inclined measuring ends and a housing with digital display. The measuring value is calculated by an integrated microprocessor and digitally displayed. The item is used for quick checking the diameters of bars and internal grooves. Excludes CALIPER, INDICATOR, INSIDE and CALIPER, DIGITAL DISPLAY. See also CALIPER, DIGITAL DISPLAY, OUTSIDE.

CALIPER, DIGITAL DISPLAY, OUTSIDE #	42701	ND

A hand held instrument consisting of a pair of bowed arms on jaws having a clamping action and a housing with digital display. The measuring value is calculated by an integrated microprocessor and digitally displayed. The item is used for quick checking of outside dimensions of wall thicknesses and thicknesses. Excludes CALIPER, INDICATOR, OUTSIDE and CALIPER, DIGITAL DISPLAY. See also CALIPER, DIGITAL DISPLAY, INSIDE.

CALIPER, HERMAPHRODITE	06122	FA

An instrument with two legs hinged at one end, one of which is similar to a divider leg and the other to a leg on an outside caliper. It is used to scribe arcs, locate centers, or as a marking gage in lay-out work.

CALIPER, INSIDE	06123	FA

An instrument used to determine internal measurements. It consists of two straight legs hinged at one end and curved outward at the other end. A hinge tension device is provided.

CALIPER, INSIDE THREAD	06124	FA

An instrument used to determine the diameter of internal screw threads. It is similar in design to CALIPER, INSIDE, except that the ends of the legs are ground to sharp points. Excludes CALIPER, INSIDE.

CALIPER, MICROMETER, BENCH	15277	FD

A precision measuring instrument used for making exact external measurements of thickness, outside diameters, and the like. It consists of a rigid steel base with integral U-frame and micrometer screw attachment, making it possible to be used in an upright position when placed on a bench.

CALIPER, MICROMETER, INSIDE	15272	FB

A precision adjustable end measuring instrument designed for making accurate internal linear measurements of cylinders, rings, and the like. It consists of a micrometer head with either extension rods or slide caliper-style jaws.

CALIPER, MICROMETER, KEY	15274	FG

A precision measuring instrument designed to measure the depth of the tapered cuts in keys for tumbler type locks. It consists of a U-frame with micrometer. The fixed anvil is wedge shaped.

Approved Item Name	INC	App Key
CALIPER, MICROMETER, OUTSIDE	15278	FD

A precision measuring instrument with a micrometer screw attachment used for making exact external linear measurements of thickness, outside diameters, or distances over two parallel planes. It consists of a U-frame and a micrometer, the spindle of which is aligned with an opposite anvil. It may include a dial indicator, digital display, and/or a push-button mechanism which activates a retractable anvil to assure uniformity of contract pressure, and permits use as a visual comparator. Graduations may be in inches and/or millimeters.

CALIPER, MICROMETER, PAPER	15275	FG

A precision measuring instrument used to make accurate measurements of paper, sheet rubber, cardboard, and the like. It consists of a U-frame with a micrometer, the spindle and opposite anvil of which have flat disk faces.

CALIPER, MICROMETER, SHEET METAL	15276	FG

A precision measuring instrument used to make accurate measurements of the thickness of sheet metal. It consists of an extra-deep U-frame with a micrometer spindle and fixed anvil.

CALIPER, MICROMETER, THREAD	15273	FC

A precision measuring instrument used for exact measurements of the pitch diameter of male screw threads. It consists of a U-frame with a micrometer spindle, and fixed anvil, shaped to the form of the thread to be measured.

CALIPER, MICROMETER, TUBE	15279	FD

A precision measuring instrument used to accurately measure the wall thickness of tubing and pipe. It consists of a U-frame with micrometer. The fixed anvil is either semispherical or cylindrical in shape.

CALIPER, OUTSIDE	06125	FA

An instrument used to determine external diameters and measurements. It consists of two bowed legs hinged at one end. A hinge tension device is provided.

CALIPER, OUTSIDE THREAD	06126	FA

An instrument used to determine the measurements of external screw threads. It is similar in design to CALIPER, OUTSIDE, except that the ends of the legs are ground to knife edge. Excludes CALIPER, OUTSIDE.

CALIPER, VERNIER	11306	NB

A precision measuring instrument used to determine accurate internal or external measurements. It consists of a CALIPER, SLIDE with a small auxiliary scale made to slide along the main scale to determine accurate fractional parts of divisions of the main scale.

Approved Item Name	INC	App Key
CONTACT POINT, MEASURING INSTRUMENT	42055	ZB

An item of various shapes and sizes, designed to be attached to the actuator spindle on a measuring instrument. It is designed to touch the item on which the measurement is to be made and may do so with a ball, roller, lever, and the like.

DISK, MASTER, STANDARD	06269	VA

A precision master reference tool used as a standard for setting micrometer calipers and snap gages; also is setting up and checking comparators. It consists of a flat steel disk, or a cylinder, precision ground and lapped to size.

DIVIDER-CALIPER, MECHANIC'S	17610	FF

An instrument consisting of two adjustable legs joined by a pivot and having clamping devices on the end for the insertion of inside caliper, outside caliper and divider leg extensions. Includes caliper and divider leg extensions.

DIVIDERS, MECHANICS'	11123	FF

An instrument consisting of two adjustable legs joined at one end by a pivot and each leg terminating in a sharp point at the other end. Used primarily by machinists and sheet metal mechanics for marking measurements, describing circles, and laying out work.

FOOT MEASURING DEVICE	15572	DE

A calibrated instrument designed to determine the correct foot size for fitting footwear.

Gage

1. (Instruments) An instrument or device for measuring or comparing.

GAGE, ANGLE	15197	LB

One or more blades (leaves) of tempered steel ground to and marked with their respective angles. It is used for checking angles as in forgings, castings, and machine work.

GAGE BLOCK	13797	TB

A hardened metallic block with parallel precision ground superfinished surfaces to permit wringing together. A component of GAGE BLOCK SET used in setup and inspection work. Excludes GAGE BLOCK SET.

GAGE, CONTACT, ELECTRICAL CONNECTOR	61356	GC

A gage designed to measure or compare the height, depth, an/or positioning of electrical connector contact(s).

Approved Item Name	INC	App Key
GAGE, CYLINDER	08202	GA

A precision instrument consisting of a dial indicator mounted on a block which moves at right angles to the support frame known as the sled. The sled has two-line contact points which are at all times in alignment with the walls of the cylinder. The gage is equipped with a movable dial, and a handle is provided for insertion of the gage into a bore or cylinder. It is used to check and inspect the diameters of cylinders for taper, out of roundness, and accurately transfer the diameters of the cylinder bores.

GAGE, DEPTH, DIAL INDICATING	12990	HA

A precision instrument designed for accurately checking a specified depth range of grooves, holes, or irregular parts.

GAGE, DEPTH, DRILL BIT	47616	TB

A block of material with holes of various depths and diameters used to set a drill bit into a chuck at a predetermined depth.

GAGE, DEPTH, MICROMETER	15281	JA

A precision instrument designed for accurately measuring the depth of grooves, holes, or irregular parts. It consists of a micrometer attached vertically to a base and one or more measuring rods.

GAGE, GAP SETTING	08040	QA

A specially designed measuring tool having one or more thickness blades and/or wire feelers encased in or attached to an appropriate holder. The blade type must have an air gap adjusting tool used for bending the prongs of spark plug electrodes and the like; whereas the wire feeler type may have such an adjusting tool. Excludes GAGE, THICKNESS.

GAGE, GLAZIER'S	05978	SA

An instrument used for measuring unusual or irregular shapes into which glass must be cut and fitted, as, for example, automobile glass, mirrors, and the like. It consists of two steel rods which slide in a tube, one from each end, and lock in position with a thumbscrew.

GAGE, HEIGHT	40344	HB

An instrument which is similar to a caliper or micrometer caliper, but which measures the perpendicular distance from its fixed base with a moveable arm. The reading may be seen on a scale and vernier, dial display or the like. Excludes CALIPER, MICROMETER, BENCH.

GAGE, HEIGHT, VERNIER #	05440	NA

A precision measuring instrument used to determine accurate measurements of height, for scribing, marking off, or transferring vertical distances from a plane surface. It consists of a narrow metal base upon which a main graduated scale is vertically mounted. An auxiliary scale with an attached measuring arm slides along the main scale to determine accurate fractional parts of divisions of the main scale.

Approved Item Name	INC	App Key
GAGE, INDICATING, EXTERNAL	53580	GB

A precision measuring instrument used for rapid and accurate measurement of external diameters. Consists of a body with integral cast dial indicator with actuating anvil contact points.

GAGE, INDICATING, INTERNAL	08265	GB

A precision measuring instrument used for rapid and accurate measurement of internal diameters. Consists of a body with integral cast dial indicator with actuating anvil contact points. Excludes GAGE, CONNECTING ROD BORE and GAGE, CYLINDER.

GAGE, MAINSPRING	06254	PA

A tool used by watchmakers and instrument makers to check or determine the size of mainsprings. It consists of an oblong steel plate with progressive square slots cut along the sides. These slots are sized and marked according to a standard for mainsprings.

GAGE (1), RING TAPER	60530	MA

A gage used for the dimensional control of the taper of a specified external cylindrical component. For gages designed for dimensional control of the major diameter of a taper thread, see GAGE, RING, TAPER PIPE THREAD MAJOR DIAMETER.

GAGE, SAW TOOTH SET, MICROMETER	15280	FD

A small template-type instrument to which is attached a small micrometer. It is used to accurately regulate the set of saw teeth.

GAGE, SCREW AND WIRE	06255	PA

A tool used to quickly determine the diameter size of machine screws and wires. It consists of a rectangular steel plate V- slotted and graduated in fractional diameters and wire gage numbers.

GAGE, SCREW PITCH	08041	LA

One or more blades (leaves) of tempered steel, ground to and marked with their respective pitch, expressed as number of threads per inch in the English System and as millimeters or fractional parts thereof in the Metric System. It is used for checking the pitch of external or internal screw threads.

GAGE, SHEET AND PLATE	06256	PA

A tool used to quickly determine the thickness of sheet steel, sheet iron and steel plate. It consists of a rectangular plate or disk plate with slots cut around the periphery and marked according to a standard scale.

GAGE, STOCK, THICKNESS	21743	UA

A tempered steel strip, usually furnished in rolls, within a case. Furnished in various thicknesses and approximately 1/2 inch (12.7mm) wide by 25 feet (15.2m) long. Usually marked at 6 inch (152.4mm) intervals with a line and the thickness in decimals of an inch/millimeter. Excludes BLADE, THICKNESS GAGE; GAGE, THICKNESS; and GAGE, GAP SETTING.

Approved Item Name	INC	App Key
GAGE, SURFACE	05922	RA

An instrument used for laying out work by the scribing of lines at a given height from some face of the work, of transferring the height from one piece to another. Consists of a rectangular base to which a spindle is mounted and pivoted in an upright position. A scriber is clamped to spindle in such a manner so as to be adjustable.

GAGE, TELESCOPING	05979	SA

A measuring instrument used to transfer inside measurements of holes or slots to micrometer calipers for direct reading. It consists of a rod with a spring expanding plunger to which is attached a handle designed to lock plunger at any point within the range of the gage. Excludes GAGE, SMALL HOLE.

GAGE, THICKNESS	05977	KA

One of more tempered steel blades (leaves) ground to and marked with their respective thickness and mounted in a holder or encased within a frame or case into which the leaves fold. It is used for checking narrow slots or gaging the clearance between fitted parts. Excludes BLADE, THICKNESS GAGE. See also GAGE, GAP SETTING.

GAGE, TRI-ROLL, PIPE THREAD	06277	MA

A complete external thread gage used for the size control of male pipe taper threads. Consists of three rotatably mounted annular gage rolls so spaced on a base as to indicate basic, maximum, and minimum limits.

GAGE, TRI-ROLL, PLAIN TAPER	06276	MA

A complete external unthreaded gage used for the size control of male pipe taper threads. Consists of three plain taper rolls mounted on a base and so spaced as to indicate thread limits on an indicating depth rod.

GAGE, TWIST DRILL	05938	PA

A multiple-ring gage used for checking the diameters of twist drills, pin punches, taps, etc. It consists of a thin rectangular steel plate with a series of holes corresponding to the diameters of letter-size and fraction-size twist drills. Decimal equivalents and size are stamped adjacent to each hole.

GAGE, TWIST DRILL AND DRILL ROD	05939	PA

A multiple-ring gage used for checking diameters of twist drills and drill rods. It consists of a thin rectangular steel plate with a series of holes corresponding to the diameters of number-size twist drills. Decimal equivalents and size are stamped adjacent to each hole.

GAGE, TWIST DRILL AND TAP	05940	PA

A multiple-ring gage used for checking the diameters of twist drills and drill rods. It consists of GAGE, TWIST DRILL AND DRILL ROD with a reference table added showing tap-drill and body-drill sizes for machine screw threads.

Approved Item Name	INC	App Key
GAGE, WIRE	06257	PA

A tool used to quickly determine the size number of wire, drill rod and/or for gaging the thickness of plates and sheets according to a wire number standard. Because of different standards for wire (e.g., nonferrous, stubs, American, Imperial, music, etc.), diameters of identical sizes differ in number size according to standards used. It may be a rectangular plate or disk slotted with gaging sections around the periphery for measuring thickness of sheets and plates.

HEAD, MICROMETER	11403	YA

A straight cylindrical precision instrument consisting basically of a spindle, calibrated sleeve, and a calibrated thimble. Designed to be readily attached to special gages, fixtures, tools, and the like, or installed as an integral part of a machine, where critical adjustments and measurements are required.

INDICATOR, DIAL	06275	ZA

A mechanism for amplifying and measuring the displacement of a movable contact point, thereby measuring a dimension or variation from a standard dimension. It consists essentially of a case with means for mounting the indicator, a spindle carrying the contact point, an amplifying mechanism, a pointer and a graduated dial, or electronic digital display. May include accessories and/or attachments. Excludes INDICATOR, SCALE. See also GAGE, DEPTH, DIAL INDICATING.

MEASURING STICK, FOOTWEAR LAST	21458	DF

A flat strip having an upright piece firmly mounted at one end forming a right angle with the base and with a similar upright piece mounted on a slide attachment to permit movement along the base. A strip with graduated markings is recessed in the surface of the lengthwise strip.

METERSTICK	26980	DD

A one piece measuring instrument one meter (39.37 inches) long and graduated in millimeters. It is usually made of wood and may have additional graduations in inches.

PACE STICK	46261	DE

A device designed to determine the length of a step. It is used during the instruction of military foot drill or as a symbol of the bearers authority.

PLUMB BOB	05154	CA

A small heavy weight with some means of attaching a line at one end. It is used for finding the vertical or perpendicular line to a horizontal plane.

ROD, END MEASURING, STANDARD	06270	VA

A precision tool used as a standard for setting calipers and comparing gages, testing precision tools and measuring parallel surfaces, rings and cylinders. It consists of high grade steel rod, precision ground and lapped to size as to length.

Approved Item Name	INC	App Key
ROLL, MEASURING	06271	WA

A cylindrical piece of steel, precision ground and accurate in diameter throughout length. In sets of 2 or 3, used with micrometer or vernier calipers to measure splines, dovetails and angles. Excludes WIRE, MEASURING.

RULE, BLACKSMITH'S	15204	DA

A graduated measuring instrument of rust-resisting steel or brass usually with 12 inch or 300 millimeter folding sections. Distinctive graduations and figures on a black finish are generally used.

RULE, CARPENTER'S FOLDING	15205	DA

A graduated measuring instrument with folding hinged sections. Used for marking linear measurements. Excludes RULE, MULTIPLE FOLDING.

RULE, MACHINIST'S	66709	DB

A graduated piece of metal, used for making linear measurements and often called machinist's scale. Excludes BLADE, COMBINATION SQUARE. For machinist's rules having an integral or removable hook, see RULE, HOOK.

RULE, MULTIPLE FOLDING	15206	DA

A graduated measuring instrument of wood or metal with folding joints usually every 6 inches (152.4mm) along its length between sides. Excludes RULE, CARPENTER'S FOLDING.

RULE, SHRINKAGE	15214	DC

A graduated one piece wood or metal measuring instrument, used in pattern making. The graduations are adjusted to compensate for the shrinkage of metal casting. The shrinkage of cast metal varies and shrinkage rules are made in various graduations. For combination square "shrink" blades, see BLADE, COMBINATION SQUARE.

RULER, METALLIC	42780	DD

A smooth edged metallic strip that is marked off in units and used for quiding a pencil or the like for measuring.

RULER, NONMETALLIC	42779	DD

A smooth edged nonmetallic strip that is marked off in units and is used for guiding a pen or the like or for measuring. Excludes SCALE (as modified) and RULE (as modified).

SCALE, RECOIL MEASURING	40193	DB

A graduated metallic strip which is attached to a stationary part of an artillery weapon. It indicates the extent of recoil mechanism travel when charges of different ratings are fired.

Approved Item Name	INC	App Key
SQUARE, CARPENTER'S	13768	AC

A measuring tool consisting of a metal body (long leg) and a tongue (short leg) forming a 90 degree (1.6 radians) angle. Both the body and the tongue may be of the same thickness or may be tapered from the apex to the end of each leg. The item is graduated either on both edges or the outside edges only. May be inscribed with one or more reference tables and if without reference tables, the item is graduated in increments no smaller than 1/32 inch (0.8mm).

SQUARE, COMBINATION	13765	AA

A measuring tool consisting of a graduated, grooved or slotted blade, and a head with square and miter faces. It may have a center head and/or a protractor head. The head(s) may be set at various positions along the blade and may include a scriber and/or one or more levels.

SQUARE, TRY	13767	AB

A measuring tool consisting of a blade and a square face beam forming a 90 degree (1.6 radians) angle. The beam is thicker than the blade and may be detachable, but is not adjustable.

TAPE, MEASURING	18459	EA

A narrow strip of flexible material graduated with markings to indicate a specific type of measure such as arithmetic, geometric, metric, or the like. All tapes are used principally in measuring distances and dimensions too long to be measured by a ruler, are usually enclosed into a case with accommodations for rewinding and may or may not have a ring at one end. Includes dressmaker tapes to heavy-duty types sometimes called surveyor's chains, usually mounted in reels with holding handles.

TAPE, MEASURING, REPLACEMENT	15333	EB

A narrow strip of flexible material, graduated with markings to indicate a specific type of measure such as arithmetic, geometric, metric, or the like. To be used as a replacement for encased measuring tapes.

TAPE, PLOTTING	13350	EB

A narrow strip of flexible material graduated and numbered so that a linear dimension greater than one foot (0.3048 meters) is represented to a specific ratio by a division of the tape.

WIRE, MEASURING	06272	WA

A cylindrical piece of steel, precision ground and true in diameter throughout length. In sets of 2 or 3, used with micrometer or vernier calipers to measure the pitch diameter of screw threads and gears. Excludes ROLL, MEASURING.

YARDSTICK	15216	DD

A graduated one piece measuring instrument usually made of wood, and one yard (0.9m) long. Used extensively in the tailoring, dressmaking, and wallpaper trades. For 36 inch (914.4mm) rules designed particularly for use in the glass industry, see RULE, GLAZIER'S.

APPLICABILITY KEY INDEX

	AA	AB	AC
NAME	X	X	X
MATL	X	X	X
CBBL	AR	AR	AR
SURF			AR
CMSX	X		
CMSY	AR		
STYL		X	
ATJC		X	
CMSZ		AR	
CMTB		AR	
CMTC	X	AR	AR
AEAE	X		
CMTD	X		
CMTF	AR		
CMTG	X		
CMTH	X		
AMWT	AR		
CMTJ	AR		
ANCT	X		
CMTK		X	
CXSG		X	
CMTL		X	
CPMX		X	
CXRN #		X	
ADAQ			X
ACUL			X
APGF			X
CMTN			AR
FEAT	AR	AR	AR
TEST	AR	AR	AR
SPCL	AR	AR	AR
ZZZK	AR	AR	AR
ZZZT	AR	AR	AR
ZZZW	AR	AR	AR
ZZZX	AR	AR	AR
ZZZY	AR	AR	AR
CRTL	AR	AR	AR
PRPY	AR	AR	AR
ELRN	AR	AR	AR
ELCD	AR	AR	AR
AFJK	AR	AR	AR
AGAV	AR	AR	AR
PRMT	AR	AR	AR
PMWT	AR	AR	AR
PMLC	AR	AR	AR
SUPP	AR	AR	AR
FCLS	AR	AR	AR
FTLD	AR	AR	AR

TMDN	AR	AR	AR
RTSE	AR	AR	AR
RDAL	AR	AR	AR
NTRD	AR	AR	AR
ZZZP	AR	AR	AR
ZZZV	AR	AR	AR
CXCY	AR	AR	AR

	BA	BB	BC
NAME	X	X	X
AAFZ	X	X	
AFYH			X
CBBL	AR	AR	AR
AJLC	X	X	X
ADAQ	X	X	
AASN			X
AEAE	X	X	X
CMTP		X	
FEAT	AR	AR	AR
TEST	AR	AR	AR
SPCL	AR	AR	AR
ZZZK	AR	AR	AR
ZZZT	AR	AR	AR
ZZZW	AR	AR	AR
ZZZX	AR	AR	AR
ZZZY	AR	AR	AR
CRTL	AR	AR	AR
PRPY	AR	AR	AR
ELRN	AR	AR	AR
ELCD	AR	AR	AR
AFJK	AR	AR	AR
AGAV	AR	AR	AR
PRMT	AR	AR	AR
PMWT	AR	AR	AR
PMLC	AR	AR	AR
SUPP	AR	AR	AR
FCLS	AR	AR	AR
FTLD	AR	AR	AR
TMDN	AR	AR	AR
RTSE	AR	AR	AR
RDAL	AR	AR	AR
NTRD	AR	AR	AR
ZZZP	AR	AR	AR
ZZZV	AR	AR	AR
CXCY	AR	AR	AR

	CA
NAME	X
MATL	X
AJGE	X
CMTQ	AR
STYL	X
ASHR	X
CMTR	X
CMTS	AR
CMTT	AR
CMTW	X
AKYD	AR
CBBL	AR
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
ELCD	AR
AFJK	AR
AGAV	AR
PRMT	AR
PMWT	AR
PMLC	AR
SUPP	AR
FCLS	AR
FTLD	AR
TMDN	AR
RTSE	AR
RDAL	AR
NTRD	AR
ZZZP	AR
ZZZV	AR
CXCY	AR

	DA	DB	DC	DD	DE	DF
NAME	X	X	X	X	X	X
MATL	X	X	X	X	X	X
CBBL	AR	AR	AR	AR	AR	AR
LGTH	X	X	X	X		
ABGL	AR	X	X	X		X
ABNM		X	X	X		X
CMTX	X	X	X	X	AR	AR
CMTY		AR				
CMTZ				AR		AR
AAPN	X					
CMWB		X		X		X
CMWC		AR				
CMWD		AR				
CMWF		AR				
CMWG			X			
CMWH			X			
CMWJ			X			
AMNK					X	
CCNC					X	
FEAT	AR	AR	AR	AR	AR	AR
TEST	AR	AR	AR	AR	AR	AR
SPCL	AR	AR	AR	AR	AR	AR
ZZZK	AR	AR	AR	AR	AR	AR
ZZZT	AR	AR	AR	AR	AR	AR
ZZZW	AR	AR	AR	AR	AR	AR
ZZZX	AR	AR	AR	AR	AR	AR
ZZZY	AR	AR	AR	AR	AR	AR
CRTL	AR	AR	AR	AR	AR	AR
PRPY	AR	AR	AR	AR	AR	AR
ELRN	AR	AR	AR	AR	AR	AR
ELCD	AR	AR	AR	AR	AR	AR
AFJK	AR	AR	AR	AR	AR	AR
AGAV	AR	AR	AR	AR	AR	AR
PRMT	AR	AR	AR	AR	AR	AR
PMWT	AR	AR	AR	AR	AR	AR
PMLC	AR	AR	AR	AR	AR	AR
SUPP	AR	AR	AR	AR	AR	AR
FCLS	AR	AR	AR	AR	AR	AR
FTLD	AR	AR	AR	AR	AR	AR
TMDN	AR	AR	AR	AR	AR	AR
RTSE	AR	AR	AR	AR	AR	AR
RDAL	AR	AR	AR	AR	AR	AR
NTRD	AR	AR	AR	AR	AR	AR
ZZZP	AR	AR	AR	AR	AR	AR
ZZZV	AR	AR	AR	AR	AR	AR
CXCY	AR	AR	AR	AR	AR	AR

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NAME	X	X
MATL	X	X
SURF	AR	
APGF	X	X
CMWK	X	
CMWL	X	X
CMWM	X	X
CMWC	X	
CNJP		X
CNJQ	AR	X
ABGL	X	X
AKNA	AR	
APTD	AR	
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BTHJ	X	
AKYD	AR	
ARSD		AR
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ZZZX	AR	AR
ZZZY	AR	AR
CRTL	AR	AR
PRPY	AR	AR
ELRN	AR	AR
ELCD	AR	AR
AFJK	AR	AR
AGAV	AR	AR
PRMT	AR	AR
PMWT	AR	AR
PMLC	AR	AR
SUPP	AR	AR
FCLS	AR	AR
FTLD	AR	AR
TMDN	AR	AR
RTSE	AR	AR
RDAL	AR	AR
NTRD	AR	AR
ZZZP	AR	AR
ZZZV	AR	AR
CXCY	AR	AR

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NAME	X	X	X	X	X	X	X
MATL					X		X
CNJR	X				X		
CKJY	AR				AR		
AREG	AR				AR		
BBSF	AR				AR		
CNJW	X						
AMRN	X				X		
BSFC		X	X	X		X	X
BGKS		AR					
CPTY		X	X	X		X	
APGF		X					X
CNJS			AR				
CTRS			AR				
CNJT				X		X	
BDSH				X			
CNJX				X			
AMKD				AR			
CXJP				AR			
ASSQ				AR			
AJKF		AR	AR	AR		X	AR
AQCL						X	
CBBL	AR	AR	AR	AR	AR	AR	AR
FEAT	AR	AR	AR	AR	AR	AR	AR
TEST	AR	AR	AR	AR	AR	AR	AR
SPCL	AR	AR	AR	AR	AR	AR	AR
ZZZK	AR	AR	AR	AR	AR	AR	AR
ZZZT	AR	AR	AR	AR	AR	AR	AR
ZZZW	AR	AR	AR	AR	AR	AR	AR
ZZZX	AR	AR	AR	AR	AR	AR	AR
ZZZY	AR	AR	AR	AR	AR	AR	AR
CRTL	AR	AR	AR	AR	AR	AR	AR
PRPY	AR	AR	AR	AR	AR	AR	AR
ELRN	AR	AR	AR	AR	AR	AR	AR
ELCD	AR	AR	AR	AR	AR	AR	AR
AFJK	AR	AR	AR	AR	AR	AR	AR
AGAV	AR	AR	AR	AR	AR	AR	AR
PRMT	AR	AR	AR	AR	AR	AR	AR
PMWT	AR	AR	AR	AR	AR	AR	AR
PMLC	AR	AR	AR	AR	AR	AR	AR
SUPP	AR	AR	AR	AR	AR	AR	AR
FCLS	AR	AR	AR	AR	AR	AR	AR
FTLD	AR	AR	AR	AR	AR	AR	AR
TMDN	AR	AR	AR	AR	AR	AR	AR
RTSE	AR	AR	AR	AR	AR	AR	AR
RDAL	AR	AR	AR	AR	AR	AR	AR
NTRD	AR	AR	AR	AR	AR	AR	AR
ZZZP	AR	AR	AR	AR	AR	AR	AR
ZZZV	AR	AR	AR	AR	AR	AR	AR
CXCY	AR	AR	AR	AR	AR	AR	AR

	GA	GB	GC
NAME	X	X	X
MATL			X
ADQF	X		
APGF		X	
CNKF	X	X	X
CNKG	X	X	X
CNKH		X	
CNKJ	X	X	X
CNKK		X	
CNKL		X	
CNKM		X	
CNKN	X	X	X
ABRY			AR
ABMZ			AR
ABGL			AR
CNKP	X		
CNKQ	X		
CNKR		X	
CNKS		AR	
CBBL	AR	AR	AR
FEAT	AR	AR	AR
TEST	AR	AR	AR
SPCL	AR	AR	AR
ZZZK	AR	AR	AR
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ZZZY	AR	AR	AR
CRTL	AR	AR	AR
PRPY	AR	AR	AR
ELRN	AR	AR	AR
ELCD	AR	AR	AR
AFJK	AR	AR	AR
AGAV	AR	AR	AR
PRMT	AR	AR	AR
PMWT	AR	AR	AR
PMLC	AR	AR	AR
SUPP	AR	AR	AR
FCLS	AR	AR	AR
FTLD	AR	AR	AR
TMDN	AR	AR	AR
RTSE	AR	AR	AR
RDAL	AR	AR	AR
NTRD	AR	AR	AR
ZZZP	AR	AR	AR
ZZZV	AR	AR	AR
CXCY	AR	AR	AR

	HA	HB
NAME	X	X
MATL		X
CBBL	AR	AR
BSFC	X	X
AJKF	AR	AR
AMKD		X
CNKW	X	AR
ASSQ	X	AR
CNKX	X	AR
CNKY	X	AR
CPMJ	X	AR
CNKZ	AR	AR
AACT		AR
ACDC		AR
AMSE		AR
CQTB		AR
CQYX		AR
CTDC		AR
BFQN		AR
CRHF		AR
CKJW		AR
BCTQ		AR
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ACUU	X	AR
CNLB	X	AR
BNHZ		X
ASYY		AR
AFJF		AR
BYDT	X	
CNLC	X	
SHPE	AR	
AKYD	AR	X
FEAT	AR	AR
TEST	AR	AR
SPCL	AR	AR
ZZZK	AR	AR
ZZZT	AR	AR
ZZZW	AR	AR
ZZZX	AR	AR
ZZZY	AR	AR
CRTL	AR	AR
PRPY	AR	AR
ELRN	AR	AR
ELCD	AR	AR
AFJK	AR	AR
AGAV	AR	AR
PRMT	AR	AR
PMWT	AR	AR
PMLC	AR	AR
SUPP	AR	AR
FCLS	AR	AR
FTLD	AR	AR

TMDN	AR	AR
RTSE	AR	AR
RDAL	AR	AR
NTRD	AR	AR
ZZZP	AR	AR
ZZZV	AR	AR
CXCY	AR	AR

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NAME	X
APGF	X
CNLD	X
CNLF	X
BSFC	X
AGNF	X
ANBJ	X
CNJT	X
ALFK	X
CBBL	AR
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
ELCD	AR
AFJK	AR
AGAV	AR
PRMT	AR
PMWT	AR
PMLC	AR
SUPP	AR
FCLS	AR
FTLD	AR
TMDN	AR
RTSE	AR
RDAL	AR
NTRD	AR
ZZZP	AR
ZZZV	AR
CXCY	AR

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NAME	X
CNLG	X
BDLS	X
AJMH	X
AJLB	X
AEAE	X
CMZF	X
CPMW	X
CNLH	X
CBBL	AR
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
ELCD	AR
AFJK	AR
AGAV	AR
PRMT	AR
PMWT	AR
PMLC	AR
SUPP	AR
FCLS	AR
FTLD	AR
TMDN	AR
RTSE	AR
RDAL	AR
NTRD	AR
ZZZP	AR
ZZZV	AR
CXCY	AR

	LA	LB
NAME	X	X
APGF	X	X
CNLG	AR	AR
AJLB	X	X
AJYM	X	
CPML	X	
CNLH	X	
CPMM		X
CBBL	AR	AR
FEAT	AR	AR
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ZZZX	AR	AR
ZZZY	AR	AR
CRTL	AR	AR
PRPY	AR	AR
ELRN	AR	AR
ELCD	AR	AR
AFJK	AR	AR
AGAV	AR	AR
PRMT	AR	AR
PMWT	AR	AR
PMLC	AR	AR
SUPP	AR	AR
FCLS	AR	AR
FTLD	AR	AR
TMDN	AR	AR
RTSE	AR	AR
RDAL	AR	AR
NTRD	AR	AR
ZZZP	AR	AR
ZZZV	AR	AR
CXCY	AR	AR

	MA
NAME	X
APCS	X
ATPX	AR
CNLK	AR
CNLJ	AR
MARK	X
CBBL	AR
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
ELCD	AR
AFJK	AR
AGAV	AR
PRMT	AR
PMWT	AR
PMLC	AR
SUPP	AR
FCLS	AR
FTLD	AR
TMDN	AR
RTSE	AR
RDAL	AR
NTRD	AR
ZZZP	AR
ZZZV	AR
CXCY	AR

	NA	NB	NC	ND	NE
NAME	X	X	X	X	X
BDLS	X	X	X	X	X
AMRN #	X#				
CNLL #	X#				
CKJR		X	X	X#	
CKJS		X	X		X#
CNLM		X	X		
CKKL		X	X		
BJXP		X	X		
CPQN #	AR#				
ASXQ	AR#				
CKJW		AR			
BCTQ	X#	X			
CKJX		AR			
BNHZ			X	X#	X#
AFJU	X#	X	X	X#	X#
APEA	AR#	AR			
CKJY		X	X		
CKJZ		AR	AR		
ASYY		AR	AR		
AFJF		AR	AR		
CKKC		X	X		
MATL		AR	X		
AKYD	AR#	AR	AR	AR#	AR#
CBBL	AR	AR	AR	AR	AR
FEAT	AR	AR	AR	AR	AR
TEST	AR	AR	AR	AR	AR
SPCL	AR	AR	AR	AR	AR
ZZZK	AR	AR	AR	AR	AR
ZZZT	AR	AR	AR	AR	AR
ZZZW	AR	AR	AR	AR	AR
ZZZX	AR	AR	AR	AR	AR
ZZZY	AR	AR	AR	AR	AR
CRTL	AR	AR	AR	AR	AR
PRPY	AR	AR	AR	AR	AR
ELRN	AR	AR	AR	AR	AR
ELCD	AR	AR	AR	AR	AR
AFJK	AR	AR	AR	AR	AR
AGAV	AR	AR	AR	AR	AR
PRMT	AR	AR	AR	AR	AR
PMWT	AR	AR	AR	AR	AR
PMLC	AR	AR	AR	AR	AR
SUPP	AR	AR	AR	AR	AR
FCLS	AR	AR	AR	AR	AR
FTLD	AR	AR	AR	AR	AR
TMDN	AR	AR	AR	AR	AR
RTSE	AR	AR	AR	AR	AR
RDAL	AR	AR	AR	AR	AR
NTRD	AR	AR	AR	AR	AR
ZZZP	AR	AR	AR	AR	AR
ZZZV	AR	AR	AR	AR	AR
CXCY	AR	AR	AR	AR	AR

	PA
NAME	X
CPLS	X
SHPE	X
CPLT	X
CPLW	X
CBBL	AR
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
ELCD	AR
AFJK	AR
AGAV	AR
PRMT	AR
PMWT	AR
PMLC	AR
SUPP	AR
FCLS	AR
FTLD	AR
TMDN	AR
RTSE	AR
RDAL	AR
NTRD	AR
ZZZP	AR
ZZZV	AR
CXCY	AR

	QA
NAME	X
CPPH	X
CPMN	AR
CPMP	AR
CPPJ	X
CPPK	X
CPPL	X
AESF	X
CBBL	AR
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
ELCD	AR
AFJK	AR
AGAV	AR
PRMT	AR
PMWT	AR
PMLC	AR
SUPP	AR
FCLS	AR
FTLD	AR
TMDN	AR
RTSE	AR
RDAL	AR
NTRD	AR
ZZZP	AR
ZZZV	AR
CXCY	AR

	RA
NAME	X
APGF	X
AHDR	X
AGNF	X
ACUU	X
CPPM	X
CPPN	AR
CBBL	AR
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
ELCD	AR
AFJK	AR
AGAV	AR
PRMT	AR
PMWT	AR
PMLC	AR
SUPP	AR
FCLS	AR
FTLD	AR
TMDN	AR
RTSE	AR
RDAL	AR
NTRD	AR
ZZZP	AR
ZZZV	AR
CXCY	AR

	SA
NAME	X
BSFC	X
ADQF	AR
AKYD	AR
CBBL	AR
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
ELCD	AR
AFJK	AR
AGAV	AR
PRMT	AR
PMWT	AR
PMLC	AR
SUPP	AR
FCLS	AR
FTLD	AR
TMDN	AR
RTSE	AR
RDAL	AR
NTRD	AR
ZZZP	AR
ZZZV	AR
CXCY	AR

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NAME	X
MATL	X
SHPE	X
APGF	X
CPPC	X
CPPD	X
CBBL	AR
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
ELCD	AR
AFJK	AR
AGAV	AR
PRMT	AR
PMWT	AR
PMLC	AR
SUPP	AR
FCLS	AR
FTLD	AR
TMDN	AR
RTSE	AR
RDAL	AR
NTRD	AR
ZZZP	AR
ZZZV	AR
CXCY	AR

	UA
NAME	X
ABRY	X
ABGL	X
ABNM	X
CPPG	X
ALFK	X
CBBL	AR
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
ELCD	AR
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FCLS	AR
FTLD	AR
TMDN	AR
RTSE	AR
RDAL	AR
NTRD	AR
ZZZP	AR
ZZZV	AR
CXCY	AR

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NAME	X
ABRY	AR
ABMZ	X
AFYG	X
BDBN	X
AHEF	X
CBBL	AR
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
ELCD	AR
AFJK	AR
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FCLS	AR
FTLD	AR
TMDN	AR
RTSE	AR
RDAL	AR
NTRD	AR
ZZZP	AR
ZZZV	AR
CXCY	AR

	WA
NAME	X
MATL	X
ABMZ	X
CNKB	AR
ANTN	AR
CBBL	AR
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
ELCD	AR
AFJK	AR
AGAV	AR
PRMT	AR
PMWT	AR
PMLC	AR
SUPP	AR
FCLS	AR
FTLD	AR
TMDN	AR
RTSE	AR
RDAL	AR
NTRD	AR
ZZZP	AR
ZZZV	AR
CXCY	AR

	XA
NAME	X
BDLS	X
THKS	X
ABRY	X
SHPE	X
ABGL	AR
ASFX	AR
CPQP	AR
CPQQ	X
AXPT	X
AETA	X
CBBL	AR
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
ELCD	AR
AFJK	AR
AGAV	AR
PRMT	AR
PMWT	AR
PMLC	AR
SUPP	AR
FCLS	AR
FTLD	AR
TMDN	AR
RTSE	AR
RDAL	AR
NTRD	AR
ZZZP	AR
ZZZV	AR
CXCY	AR

	YA
NAME	X
BDLS	X
BHMW	X
CPTZ	X
CPQW	X
BMCF	X
CPQR	X
AMDA	X
CNJT	X
CPMY	X
CPQT	X
CPQS	AR
CBBL	AR
AKYD	AR
AJKF	AR
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
ELCD	AR
AFJK	AR
AGAV	AR
PRMT	AR
PMWT	AR
PMLC	AR
SUPP	AR
FCLS	AR
FTLD	AR
TMDN	AR
RTSE	AR
RDAL	AR
NTRD	AR
ZZZP	AR
ZZZV	AR
CXCY	AR

	ZA	ZB
NAME	X	X
CPWG	X	
ANBJ	X	
ASSQ	X	
ATGR	X	
ADAV	X	
CPQX	X	
CZHA		X
CPQY	X	
ADER	X	
CDRX		X
CPQZ	X	
CPRB	X	X
AAUY	AR	AR
AAVA	AR	AR
BYDT	AR	
CPRC	X	
CPRD	X	
CPMK	X	
AKYD	AR	
CBBL	AR	AR
FEAT	AR	AR
TEST	AR	AR
SPCL	AR	AR
ZZZK	AR	AR
ZZZT	AR	AR
ZZZW	AR	AR
ZZZX	AR	AR
ZZZY	AR	AR
CRTL	AR	AR
PRPY	AR	AR
ELRN	AR	AR
ELCD	AR	AR
AFJK	AR	AR
AGAV	AR	AR
PRMT	AR	AR
PMWT	AR	AR
PMLC	AR	AR
SUPP	AR	AR
FCLS	AR	AR
FTLD	AR	AR
TMDN	AR	AR
RTSE	AR	AR
RDAL	AR	AR
NTRD	AR	AR
ZZZP	AR	AR
ZZZV	AR	AR
CXCY	AR	AR

[Page Break]

Body

SECTION: A

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED13765*)

ALL			
	MATL	D	MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH AN ITEM IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from the Appendix A , Table 1. (e.g., MATLDST0000*; MATLDSTB000$$DST0000*; MATLDSTB000$DSTD000*)

ALL*			
	CBBL	D	FEATURES PROVIDED

Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBBLDDDF*)

REPLY CODE	REPLY (AN47)
CSQ	DEMAGNETIZED
DDF	MARKING OPENINGS
BKW	NONMAGNETIC

AC*			
	SURF	D	SURFACE TREATMENT

APP Key	MRC	Mode Code	Requirements

Definition: CONSISTS OF PLATING, DIP, AND/OR COATING THAT CANNOT BE WIPED OFF. PLATING AND/OR COATING IS ANY CHEMICAL AND/OR METALLIC ADDITIVE, ELECTROCHEMICAL, OR MILD MECHANICAL PROCESS WHICH PROTECTS A SURFACE.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 2. (e.g., SURFDBL0000*; SURFDENC0000$$DLQC000*; SURFDENC000$DLQC000*)

AA

CMSX	D	SQUARE/MITER HEAD MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE SQUARE AND MITER HEAD ARE FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., CMSXDFEA000*; CMSXDSTAAAW$$DSTAD00*; CMSXDSTAAAW$DSTAD00*)

NOTE FOR MRC CMSY: REPLY TO THIS MRC, IF APPLICABLE, WHEN A REPLY ENTERED FOR MRC CMSX IS A STEEL MATERIAL.

AA* (See Note Above)

CMSY	D	SQUARE/MITER HEAD HARDNESS DESIGNATION

Definition: AN INDICATION OF THE RELATIVE HARDNESS OF THE SQUARE AND MITER HEAD.

Reply Instructions: Enter the Reply Code from the table below. (e.g., CMSYDACF*)

REPLY CODE	REPLY (AK55)
ACF	HARDENED

AB

STYL	L	STYLE DESIGNATOR

Definition: THE STYLE DESIGNATION INDICATING THE CONFIGURATION THAT MOST NEARLY CORRESPONDS TO THE APPEARANCE OF THE ITEM.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the group designator and the applicable style number from Appendix B , Reference Drawing Group D. (e.g., STYLLD1*)

AB

ATJC D BEAM MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE BEAM IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., ATJCDFEA000*; ATJCDWDF000$$DWDA000*; ATJCDWDF000$DWDA000*)

NOTE FOR MRC CMSZ: REPLY TO THIS MRC IF APPLICABLE, WHEN A REPLY ENTERED FOR MRC ATJC IS A STEEL MATERIAL.

AB* (See Note Above)

CMSZ D BEAM HARDNESS DESIGNATION

Definition: AN INDICATION OF THE RELATIVE HARDNESS OF THE BEAM.

Reply Instructions: Enter the Reply Code from the table below. (e.g., CMSZDACF*)

REPLY CODE	REPLY (AK55)
ACF	HARDENED

AB*

CMTB D BLADE HARDNESS DESIGNATION

Definition: AN INDICATION OF THE RELATIVE HARDNESS OF THE BLADE.

Reply Instructions: Enter the Reply Code from the table below. (e.g., CMTBDACF*)

REPLY CODE	REPLY (AK55)
ACF	HARDENED

AA, AB*, AC*

CMTC J BLADE EDGE SMALLEST GRADUATION UNIT

APP Key	MRC	Mode Code	Requirements

Definition: THE SMALLEST INCREMENT OF MEASURE ON THE BLADE EDGE(S).

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., CMTCJADQ1/8; CMTCJAHA1.0*; CMTCJADQ1/64$JADQ1/32*)*

REPLY CODE	REPLY (AK09)
ADQ	INCH
AHA	MILLIMETER

AA

AEAE J BLADE LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF THE BLADE, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AEAEJAA24.000*; AEAEJLA609.6*; AEAEJAB23.000$$JAC25.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

AA

CMTD D SQUARE/MITER HEAD SCRIBER

APP Key	MRC	Mode Code	Requirements

Definition: AN INDICATION OF WHETHER OR NOT A SCRIBER IS INCLUDED WITH THE SQUARE AND MITER HEAD.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CMTDDB*; CMTDDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

AA*

CMTF A SQUARE/MITER HEAD LEVEL QUANTITY

Definition: THE NUMBER OF LEVELS BUILT INTO THE SQUARE AND MITER HEAD.

Reply Instructions: Enter the quantity. (e.g., CMTFA2*; CMTFA2$A3*)

AA

CMTG D CENTER HEAD

Definition: AN INDICATION OF WHETHER OR NOT A CENTER HEAD IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CMTGDB*; CMTGDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

AA

CMTH D PROTRACTOR HEAD

Definition: AN INDICATION OF WHETHER OR NOT A PROTRACTOR HEAD IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CMTHDB*; CMTHDB$DC*)

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

NOTE FOR MRC AMWT AND CMTJ: REPLY TO THESE MRCS IF REPLY CODE B IS ENTERED FOR MRC CMTH.

AA* (See Note Above)

AMWT D REVERSIBILITY

Definition: AN INDICATION OF WHETHER OR NOT AN ITEM IS REVERSIBLE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AMWTDB*; AMWTDB$DC*)

Reversible heads have shoulder on both sides of the blade; nonreversible heads have a shoulder on one side of the blade only.

REPLY CODE	REPLY (AF62)
B	NONREVERSIBLE
C	REVERSIBLE

AA* (See Note Preceding MRC AMWT)

CMTJ D LEVEL

Definition: AN INDICATION OF WHETHER OR NOT A LEVEL IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CMTJDB*; CMTJDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

AA

ANCT D BLADE TYPE

Definition: INDICATES THE TYPE OF BLADE PROVIDED.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ANCTDDQ*; ANCTDDQ$DDR*)

REPLY CODE	REPLY (AJ46)
DQ	GROOVED
DR	SLOTTED

AB

CMTK J BLADE FACE TO BEAM LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF THE BLADE FACE FROM END TO BEAM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., CMTKJAA7.500*; CMTKJLA190.5*; CMTKJAB7.000$$JAC8.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

AB

CXSG J BEAM LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF THE BEAM, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from the Tables 1 and 2 below, followed by the numeric value. (e.g., CXSGJAA7.500*; CXSGJLA200.0*; CXSGJLB190.0$$JLC210.0*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

APP Key	MRC	Mode Code	Requirements

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

AB

CMTL D BEAM DETACHABILITY

Definition: AN INDICATION OF WHETHER OR NOT THE BEAM IS DETACHABLE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CMTLDAC*; CMTLDAC$DAD*)

REPLY CODE	REPLY (AH97)
AC	DETACHABLE
AD	NOT DETACHABLE

AB

CPMX D BEVELED BLADE EDGE

Definition: AN INDICATION OF WHETHER OR NOT A BEVELED BLADE EDGE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CPMXDB*; CPMXDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

AB

CXRN # D DEGREE ACCURACY

Definition: AN INDICATION OF THE DEGREE OF ACCURACY OF THE ITEM CORRESPONDING TO A SPECIFICATION.

APP
Key MRC Mode Code Requirements

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CXRNDBT*)

REPLY CODE	REPLY (AP71)
BQ	DIN 875 DEGREE OF ACCURACY 00
BR	DIN 875 DEGREE OF ACCURACY 0
BS	DIN 875 DEGREE OF ACCURACY 1
BT	DIN 875 DEGREE OF ACCURACY 2

AC

ADAQ J BODY LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF THE BODY, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADAQJAA24.000*; ADAQJLA609.6*; ADAQJAB23.000$$JAC25.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

AC

ACUL J TONGUE LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF THE TONGUE, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., ACULJA16.000*; ACULJL406.4*)

REPLY CODE	REPLY (AA05)
A	INCHES

APP Key	MRC	Mode Code	Requirements
		L	MILLIMETERS

AC

APGF D DESIGN TYPE

Definition: INDICATES THE DESIGN TYPE OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APGFDAYH*)

REPLY CODE	REPLY (AK54)
BNH	DETACHABLE
AYH	ONE-PIECE

AC*

CMTN G INSCRIBED REFERENCE TABLE

Definition: THE REFERENCE TABLE(S) INSCRIBED ON THE ITEM.

Reply Instructions: Enter the reply in clear text. (e.g., CMTNGBRACE*; CMTNGRAFTER OR FLAMING BRACE*)

Separate multiple replies with a semicolon. (e.g., CMTNGOCTAGON; ESSEX BOARD MEASURE;1/100TH SCALE*)

SECTION: B

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED05191*)

BA, BB			
	AAFZ	D	BODY MATERIAL

Definition: THE BASIC MATERIAL OF WHICH THE BODY IS FABRICATED.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., AAFZDWDF000*; AAFZDWDF000$DWDA000*; AAFZDWDF000$DWDA000*)

BC			
	AFYH	D	HANDLE MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE HANDLE IS FABRICATED.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., AFYHDST0000*; AFYHDNF0000$$DNFT000*; AFYHDNF0000$DNFT000*)

ALL*			
	CBBL	D	FEATURES PROVIDED

Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBBLDDDE*)

REPLY CODE	REPLY (AN47)
CSQ	DEMAGNETIZED
DDE	JOINT LOCKING DEVICE
BKW	NONMAGNETIC

APP Key	MRC	Mode Code	Requirements
ALL			
	AJLC	D	BLADE MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE BLADE IS FABRICATED.

Reply Instructions: Enter the applicable Reply Code from Appendix A, Table 1. (e.g., AJLCDST0000*; AJLCDALC000$$DBR0000*; AJLCDALC000$DBR0000*)

BA, BB

ADAQ	J	BODY LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF THE BODY, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADAQJAA4.125*; ADAQJLA104.7*; ADAQJAB4.000$$JAC4.250*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

BC

AASN	J	HANDLE LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF THE HANDLE, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AASNJAA7.625*; AASNJLA191.6*; AASNJAB7.000$$JAC8.250*)

Table 1

REPLY CODE	REPLY (AA05)

APP Key	MRC	Mode Code	Requirements
		A	INCHES
		L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

AEAE J BLADE LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF THE BLADE, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AEAEJAA12.000*; AEAEJLA304.8*; AEAEJAB11.000$$JAC13.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

BB

CMTP J BODY GRADUATION UNIT

Definition: THE INCREMENT OF MEASURE REPRESENTED BY THE MARKING(S) ON THE BODY.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., CMTPJADQ1/8*; CMTPJAHA3.1*)

REPLY CODE	REPLY (AK09)
ADQ	INCH

FIIG T
Section Parts

APP Key	MRC	Mode Code	Requirements
		AHA	MILLIMETER

SECTION: C

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED05154*)

ALL			
	MATL	D	MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH AN ITEM IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A, Table 1. (e.g., MATLDST0000*; MATLDST0000$DSTB000*; MATLDST0000$$DSTB000*)

ALL			
	AJGE	D	BODY TYPE

Definition: INDICATES THE TYPE OF BODY PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AJGEDAAGE*; AJGEDAAGE$DAACK*)

REPLY CODE	REPLY (AE98)
AAGE	HOLLOW
AACK	SOLID

NOTE FOR MRC CMTQ: IF REPLY CODE AAGE IS ENTERED FOR MRC AJGE, REPLY TO MRC CMTQ.

ALL* (See Note Above)			
	CMTQ	D	MERCURY FILLED FEATURE

Definition: AN INDICATION OF WHETHER OR NOT A MERCURY FILLED FEATURE IS INCLUDED.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CMTQDB*; CMTQDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

ALL

STYL L STYLE DESIGNATOR

Definition: THE STYLE DESIGNATION INDICATING THE CONFIGURATION THAT MOST NEARLY CORRESPONDS TO THE APPEARANCE OF THE ITEM.

Reply Instructions: Enter the applicable style number from Appendix B , Reference Drawing Group C. (e.g., STYLL9*)

ALL

ASHR J WEIGHT

Definition: A RELATIVE MEASURE OF AN ITEM WITH RESPECT TO ITS DENSITY.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., ASHRJAY5.2*; ASHRJAZ128.837*)

REPLY CODE	REPLY (AG69)
AZ	GRAMS
AY	OUNCES

ALL

CMTR D TOP REMOVABILITY

Definition: AN INDICATION OF WHETHER OR NOT THE TOP IS REMOVABLE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CMTRDD*; CMTRDD$DE*)

REPLY CODE	REPLY (AB00)

APP Key	MRC	Mode Code	Requirements
		E	NONREMOVABLE
		D	REMOVABLE

NOTE FOR MRC CMTS: REPLY TO THIS MRC, IF REPLY CODE D IS ENTERED FOR MRC CMTR.

ALL* (See Note Above)

CMTS D TOP ADJUSTABILITY

Definition: AN INDICATION OF WHETHER OR NOT THE TOP IS ADJUSTABLE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CMTSDA*; CMTSDA$DC*)

REPLY CODE	REPLY (AB00)
A	ADJUSTABLE
C	NONADJUSTABLE

ALL*

CMTT D POINT HARDNESS DESIGNATION

Definition: AN INDICATION OF THE RELATIVE HARDNESS OF THE POINT.

Reply Instructions: Enter the Reply Code from the table below. (e.g., CMTTDACF*)

REPLY CODE	REPLY (AK55)
ACF	HARDENED

ALL

CMTW D POINT REMOVABILITY

Definition: AN INDICATION OF WHETHER OR NOT THE POINT IS REMOVABLE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CMTWDD*; CMTWDD$DE*)

REPLY CODE	REPLY (AB00)

APP Key	MRC	Mode Code	Requirements
		E	NONREMOVABLE
		D	REMOVABLE

ALL*

AKYD	G	ACCESSORY COMPONENTS AND QUANTITY

Definition: THE NAME AND NUMBER OF PARTS SUPPLIED WITH THE ITEM WHICH MAY BE REQUIRED FOR APPLICATION.

Reply Instructions: Enter the reply in clear text. (e.g., AKYDGLINES, 1*)

ALL*

CBBL	D	FEATURES PROVIDED

Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBBLDBKW*)

REPLY CODE	REPLY (AN47)
CSQ	DEMAGNETIZED
BKW	NONMAGNETIC

SECTION: D

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED15204*)

ALL			
	MATL	D	MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH AN ITEM IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., MATLDST0000*; MATLDFE0000$$DFEA000*; MATLDFE0000$DFEA000*)

ALL*			
	CBBL	D	FEATURES PROVIDED

Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBBLDCSQ*)

REPLY CODE	REPLY (AN47)
CSQ	DEMAGNETIZED
DRT	HARDENED
BKW	NONMAGNETIC
DDG	UNHARDENED
DDD	UNMARKED ENDS

DA, DB, DC, DD			
	LGTH	J	LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF AN ITEM, IN DISTINCTION FROM WIDTH.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., LGTHJA24.000*; LGTHJLl609.6*)

For Applicability Key DA, enter the extended length.

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

DA*, DB, DC, DD, DF

ABGL J WIDTH

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABGLJAA1.188*; ABGLJLA30.1*; ABGLJAB1.000$$JAC1.296*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

DB, DC, DD, DF

ABNM J THICKNESS

Definition: A MEASUREMENT OF THE SMALLEST DIMENSION OF AN ITEM, IN DISTINCTION FROM LENGTH OR WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABNMJAA0.047*; ABNMJLA1.1*; ABNMJAB0.027$$JAC0.067*)

APP Key	MRC	Mode Code	Requirements

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

DA, DB, DC, DD, DE*, DF*

CMTX J EDGE SMALLEST GRADUATION UNIT

Definition: THE SMALLEST INCREMENT OF MEASURE ON THE EDGE(S) OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. For multiple edges, use AND ($$) Coding. (e.g., CMTXJADQ1/16; CMTXJAHA1.5*; CMTXJADQ1/16$$JAHA1.5*; CMTXJADQ1/16$JADQ1/8*)*

REPLY CODE	REPLY (AK09)
AHF	CENTIMETER
ADF	FOOT
AHG	GEOMETRIC POINTS
ADQ	INCH
AHA	MILLIMETER

DB*

CMTY J END GRADUATION UNIT

Definition: THE INCREMENT OF MEASURE REPRESENTED BY THE MARKING(S) ON THE END(S) OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., CMTYJADQ1/32*; CMTYJAHA0.7*; CMTYJADQ1/32$$JAHA1.0*)

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (AK09)
ADQ	INCH
AHA	MILLIMETER

DD*, DF*

CMTZ J CENTER GRADUATION UNIT

Definition: THE INCREMENT OF MEASURE REPRESENTED BY THE MARKING(S) ON THE CENTER OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., CMTZJAGE1/16*; CMTZJAHB1/2*)

REPLY CODE	REPLY (AK09)
AHB	METER
AGE	YARD

DA

AAPN A SECTION QUANTITY

Definition: THE NUMBER OF INDIVIDUAL ELEMENTS.

Reply Instructions: Enter the quantity. (e.g., AAPNA12*)

DB, DD, DF

CMWB D BEVELED EDGE

Definition: AN INDICATION OF WHETHER OR NOT A BEVELED EDGE IS INCLUDED ON THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CMWBDB*; CMWBDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

DB*

APP Key	MRC	Mode Code	Requirements
	CMWC	D	READING DIRECTION

Definition: AN INDICATION OF THE DIRECTION IN WHICH THE ITEM IS READ.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CMWCDABT*; CMWCDABS$DABT*)

REPLY CODE	REPLY (AA38)
ABS	LEFT
ABT	RIGHT

DB*

	CMWD	D	CONVERSION TABLE TYPE

Definition: INDICATES THE TYPE OF CONVERSION TABLE PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CMWDDBCC*)

REPLY CODE	REPLY (AJ40)
A	ANY ACCEPTABLE
BCA	AWG WIRE SIZE NUMBER TO DECIMAL EQUIVALENT
BCC	DECIMAL EQUIVALENT
BCB	DECIMAL-FRACTIONAL SIZE
BCD	DRILL SIZE
BCE	LETTER

DB*

	CMWF	D	TAPERED END

Definition: AN INDICATION OF WHETHER OR NOT A TAPERED END(S) IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CMWFDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED

APP Key	MRC	Mode Code	Requirements
		C	NOT INCLUDED

DC

CMWG G SHRINKAGE SCALE

Definition: THE AMOUNT OF SHRINKAGE FOR WHICH THE GRADUATIONS ARE ADJUSTED FOR A GIVEN MEASUREMENT SCALE.

Reply Instructions: Enter the reply in clear text. (e.g., CMWGG1/10 IN. PER FOOT*)

DC

CMWH D DOUBLE SHRINK SCALE

Definition: AN INDICATION OF WHETHER OR NOT A DOUBLE SHRINK SCALE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CMWHDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

DC

CMWJ D STANDARD SCALE

Definition: AN INDICATION OF WHETHER OR NOT A STANDARD SCALE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CMWJDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

DE

AMNK G SCALE CALIBRATION

APP Key	MRC	Mode Code	Requirements
	Definition: AN INDICATION OF THE MANNER IN WHICH THE SCALE IS CALIBRATED.		
	Reply Instructions: Enter the reply in clear text.		
	(e.g.,AMNKGLENGTH 1-15*)		
	Separate multiple replies with a semicolon.		
	(AMNKGLENGTH 1-15;WIDTH A-EEE*)		
DE			
	CCNC	G	FUNCTION DESIGN
	Definition: THE DESIGN FUNCTION OF THE ITEM.		
	Reply Instructions: Enter the reply in clear text. (e.g., CCNCGTYPE I, MENS*)		

SECTION: E

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED15333*)

ALL			
	MATL	D	MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH AN ITEM IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., MATLDFBN000*; MATLDST0000$DSTB000*; MATLDST0000$$DSTB000*)

EA*			
	SURF	D	SURFACE TREATMENT

Definition: CONSISTS OF PLATING, DIP, AND/OR COATING THAT CANNOT BE WIPED OFF. PLATING AND/OR COATING IS ANY CHEMICAL AND/OR METALLIC ADDITIVE, ELECTROCHEMICAL, OR MILD MECHANICAL PROCESS WHICH PROTECTS A SURFACE.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 2. (e.g., SURFDNFG000*; SURFDGB0000$$DPS0000*; SURFDGB0000$DPS0000*)

ALL			
	APGF	D	DESIGN TYPE

Definition: INDICATES THE DESIGN TYPE OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APGFDFBE*)

REPLY CODE	REPLY (AK54)
A	ANY ACCEPTABLE
FBB	CAST IRON WHEEL CIRC MEASURING
FBC	GENERAL PURPOSE DISTANCE MEASURING

APP Key	MRC	Mode Code	Requirements
		FBD	RAILWAY STEEL WHEEL CIRC MEASURING
		FBE	STEEL TIRED WHEEL CIRC MEASURING
		FBF	SURVEYORS
		FBG	TANK GAGING
		FGQ	TILE COUNTER
		FBH	TOPOGRAPHIC TRAILER
		FBJ	TREE CIRC-DIAMETER MEASURING
		FBK	TREE CIRC MEASURING
		FBL	TRIANGULATION BASE LINE MEASURING

EA

CMWK G STANDARD GRADUATION UNIT

Definition: AN INDICATION OF THE STANDARD UNIT(S) OF GRADUATION ON THE ITEM.

Reply Instructions: Enter the reply in clear text. (e.g., CMWKGMM*; CMWKGDECIMETERS; METERS*; CMWKGMM OR DECIMETERS*)

ALL

CMWL G MEASURING CAPACITY

Definition: THE MAXIMUM MEASURING CAPACITY OF THE ITEM.

Reply Instructions: Enter the reply in clear text. (e.g., CMWLG100 LINKS*; CMWLGFEET ONE SIDE 100; METERS OTHER SIDE 30.480*)

ALL

CMWM G TAPE SMALLEST GRADUATION UNIT

Definition: AN INDICATION OF THE SMALLEST UNIT(S) OF GRADUATION OF THE TAPE.

Reply Instructions: Enter the reply in clear text. (e.g., CMWMG1/10 FT*; CMWMG1 DECIMETER 1ST AND LAST METER; 1 METER BALANCE OF GRADUATED LG*)

EA

CMWC D READING DIRECTION

Definition: AN INDICATION OF THE DIRECTION IN WHICH THE ITEM IS READ.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CMWCDABW*; CMWCDABW$DABX*)

REPLY CODE	REPLY (AA38)
ABW	LEFT TO RIGHT
ABX	RIGHT TO LEFT

EB

CNJP D RULE TYPE CHARACTERISTIC

Definition: AN INDICATION OF WHETHER OR NOT A RULE TYPE CHARACTERISTIC IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CNJPDB*; CNJPDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

EA*, EB

CNJQ D MARKING TYPE

Definition: INDICATES THE TYPE OF MARKING(S) PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CNJQDBGS*; CNJQDBGT$$DBGS*; CNJQDBGQ$DBGR*)

REPLY CODE	REPLY (AK39)
A	ANY ACCEPTABLE
BGP	BABBITT
BGT	BLACK GRADUATIONS AND MARKINGS ON LIGHT RUST-RESISTANT BACKGROUND
AAS	ETCHED
BGE	PAINTED
BGQ	RAISED
BGR	RECESSED
BGS	RECESSED IN FIBERS

APP Key	MRC	Mode Code	Requirements

ALL

ABGL J WIDTH

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABGLJAA0.625*; ABGLJLA15.8*; ABGLJAB0.325$$JAC0.925*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

EA*

AKNA D INCLOSURE TYPE

Definition: INDICATES THE TYPE OF INCLOSURE PROVIDED TO COAT, COVER, PROTECT, OR ENCASE THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AKNADAZ*; AKNADAZ$DCK*)

A case is completely inclosed; a reel is never completely inclosed.

REPLY CODE	REPLY (AG85)
AZ	CASE
CK	REEL

NOTE FOR MRC APTD: REPLY TO THIS MRC IF REPLY CODE AZ IS ENTERED FOR MRC AKNA.

EA* (See Note Above)

APP Key	MRC	Mode Code	Requirements
	APTD	D	END TYPE

Definition: INDICATES THE TYPE OF END.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APTDDAGY*; APTDDAGY$DAGZ*)

REPLY CODE	REPLY (AK84)
AGY	BUTT
AGZ	NONBUTT

EA

	AQRE	D	WINDING METHOD

Definition: THE MEANS BY WHICH THE ITEM IS WOUND.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AQREDAJ$DAK*)

REPLY CODE	REPLY (AL27)
A	ANY ACCEPTABLE
AJ	AUTOMATIC SPRING
AK	HAND CRANK
AL	MANUAL
AM	MANUAL INSERTION
AN	PULL-PUSH
AP	PUSH
AQ	SPRING

EA

	CNJN	D	PLUMB BOB

Definition: AN INDICATION OF WHETHER OR NOT A PLUMB BOB IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CNJNDB*; CNJNDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

APP Key	MRC	Mode Code	Requirements

NOTE FOR MRC ASHR: REPLY TO THIS MRC IF REPLY CODE B IS ENTERED FOR MRC CNJN.

EA* (See Note Above)

ASHR J WEIGHT

Definition: A RELATIVE MEASURE OF AN ITEM WITH RESPECT TO ITS DENSITY.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., ASHRJAY20.000*; ASHRJBA0.6*)

REPLY CODE	REPLY (AG69)
BA	KILOGRAMS
AY	OUNCES

EA

BTHJ D NATIONAL BUREAU OF STANDARDS CERTIFICATION

Definition: AN INDICATION OF WHETHER OR NOT A NATIONAL BUREAU OF STANDARDS STAMP OF CERTIFICATION IS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BTHJDB*; BTHJDB$DC*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

EA*

AKYD G ACCESSORY COMPONENTS AND QUANTITY

Definition: THE NAME AND NUMBER OF PARTS SUPPLIED WITH THE ITEM WHICH MAY BE REQUIRED FOR APPLICATION.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the reply in clear text. (e.g., AKYDGLEATHER THONGS, 2*)

EB*

ARSD G CONTENT WITHIN EACH UNIT PACKAGE

Definition: THE AMOUNT OF THE ITEM CONTAINED WITHIN EACH UNIT PACKAGE.

Reply Instructions: Enter the reply in clear text. (e.g., ARSDG25 FEET*)

ALL*

CBBL D FEATURES PROVIDED

Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM.

Reply Instructions: Enter the Reply Code from the table below. (e.g., CBBLDFCT*)

REPLY CODE	REPLY (AN47)
CSQ	DEMAGNETIZED
BKW	NONMAGNETIC
FCT	PROTECTIVE EDGE STRIP

SECTION: F

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED06122*)

FF, FH

	MATL	D	MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH AN ITEM IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., MATLDST0000*; MATLDBR0000$$DST0000*; MATLDBR0000$DST0000*)

FA, FF

	CNJR	D	HINGED END TYPE

Definition: INDICATES THE TYPE OF HINGED END PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CNJRDFBQ*; CNJRDFBR$DFBS*)

REPLY CODE	REPLY (AK54)
FBQ	FIRM JOINT
FBR	LOCK JOINT
FBS	SPRING JOINT
BSQ	WING

NOTE FOR MRCS CKJY, AREG, AND BBSF: FOR APPLICABILITY KEY FF - IF REPLY CODE FBQ, OR BSQ IS ENTERED FOR MRC CNJR, REPLY TO MRC CKJY. IF REPLY CODE FBS IS ENTERED FOR MRC CNJR, REPLY TO MRCS AREG AND BBSF.

FA*, FF* (See Note Above)

	CKJY	D	FINE ADJUSTMENT FEATURE

APP Key	MRC	Mode Code	Requirements

Definition: AN INDICATION OF WHETHER OR NOT A FINE ADJUSTMENT FEATURE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CKJYDB*; CKJYDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

FA*, FF* (See Note Preceding MRC CKJY)

AREG D ADJUSTMENT METHOD

Definition: THE MEANS PROVIDED TO ADJUST AN ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AREGDAFC*; AREGDAFC$DAFD*)

REPLY CODE	REPLY (AL41)
AFC	SOLID NUT
AFD	SPLIT NUT

FA*, FF* (See Note Preceding MRC CKJY)

BBSF D LEG SHAPE

Definition: THE PHYSICAL CONFIGURATION OF THE LEG.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BBSFDAND*; BBSFDAND$DAPL*)

REPLY CODE	REPLY (AD07)
AND	RECTANGULAR
APL	ROUND

FA

CNJW D TRANSFER DESIGN FEATURE

APP Key	MRC	Mode Code	Requirements

Definition: AN INDICATION OF WHETHER OR NOT A TRANSFER DESIGN FEATURE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CNJWDB*; CNJWDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

FA, FF

AMRN J SIZE DESIGNATOR

Definition: A DESIGNATION INDICATING THE SIZE BY WHICH THE ITEM IS COMMERCIALLY KNOWN AND/OR IDENTIFIED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AMRNJAA3.000*; AMRNJLA76.2*; AMRNJAB2.000$$JAC4.000*)

The size of calipers and dividers are determined by the distance from the center of the joint to the ends of the legs.

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

FB, FC, FD, FG, FH

BSFC J GAGING RANGE

Definition: THE GAGING RANGE FOR WHICH THE ITEM IS DESIGNED.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric values, separated by a slash. Precede all values with a P. (e.g., BSFCJAP0.000/P3.000*; BSFCJLP0.0/P76.2*;

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

FB*

BGKS G SCALE ACCURACY

Definition: THE DEGREE OF CONFORMITY OF A SCALE MEASUREMENT TO A STANDARD OR A TRUE VALUE.

Reply Instructions: Enter the reply in clear text. (e.g., BGKSG0.001 MILLIMETERS*)

FB, FC, FD, FG

CPTY D GRADUATION UNIT

Definition: THE INCREMENT OF MEASURE REPRESENTED BY THE MARKING(S) ON THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CPTYDBCG*; CPTYDBCG$DBCH*)

REPLY CODE	REPLY (AJ40)
BCF	HUNDREDTHS OF A MILLIMETER
BCG	TEN-THOUSANDTHS OF AN INCH
BCQ	THOUSANDTHS OF A MILLIMETER
BCH	THOUSANDTHS OF AN INCH

FB, FH

APGF D DESIGN TYPE

Definition: INDICATES THE DESIGN TYPE OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APGFDBRX*; APGFDAJB$DBRX*)

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (AK54)
AJB	JAW
BRX	ROD
FCB	TRI-POINT
AEM	TUBULAR

NOTE FOR MRC CNJS: REPLY TO MRC CNJS IF REPLY CODE BCG OR BCH IS ENTERED FOR MRC CPTY.

FC* (See Note Above)

CNJS F THREAD RANGE PER INCH

Definition: THE MINIMUM AND MAXIMUM THREADS PER INCH THE ITEM IS CAPABLE OF MEASURING.

Reply Instructions: Enter the numeric values separated by a slash. Precede all values with a P. (e.g., CNJSFP8.0/P13.0*)

NOTE FOR MRC CTRS: REPLY TO MRC CTRS IF REPLY CODE BCF OR BCQ IS ENTERED FOR MRC CPTY.

FC* (See Note Above)

CTRS F PITCH RANGE IN MILLIMETERS

Definition: THE MINIMUM AND MAXIMUM PITCHES IN MILLIMETERS THE ITEM IS CAPABLE OF MEASURING.

Reply Instructions: Enter the minimum and maximum thread pitch values per revolution, separated by a slash. Precede all values with a P. (e.g., CTRSFP16.0/P28.0*)

FD, FG

CNJT D RATCHET STOP

Definition: AN INDICATION OF WHETHER OR NOT A RATCHET STOP IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CNJTDB*; CNJTDB$DC*)

REPLY CODE	REPLY (AA49)

APP Key	MRC	Mode Code	Requirements
		B	INCLUDED
		C	NOT INCLUDED

FD

BDSH D LOCKNUT

Definition: AN INDICATION OF WHETHER OR NOT A LOCKNUT IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BDSHDB*; BDSHDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

FD

CNJX D PUSHBUTTON PRESSURE CONTROL

Definition: AN INDICATION OF WHETHER OR NOT A PUSHBUTTON PRESSURE CONTROL IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CNJXDB*; CNJXDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

FD*

AMKD D INDICATOR TYPE

Definition: INDICATES THE TYPE OF DEVICE USED TO REGISTER THE CONDITION(S).

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AMKDDAJB*)

REPLY CODE	REPLY (AJ12)

APP Key	MRC	Mode Code	Requirements
		AJB	DIAL W/POINTER
		AMD	DIGITAL READOUT

NOTE FOR MRCS CXJP AND ASSQ: REPLY TO MRC CXJP AND ASSQ IF REPLY AJB IS ENTERED FOR MRC AMKD. REPLY TO MRC CXJP ONLY IF REPLY AMD IS ENTERED FOR MRC AMKD.

FD* (See Note Above)

CXJP J INDICATOR GRADUATION UNIT

Definition: THE INCREMENT OF MEASURE REPRESENTED BY THE MARKING(S) ON THE INDICATOR.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., CXJPJADQ0.001*; CXJPJAHA0.1*; CXJPJADQ0.001$$JAHA0.0*)

REPLY CODE	REPLY (AK09)
ADQ	INCH
AEM	MICRON
AHA	MILLIMETER

FD* (See Note Preceding MRC CXJP)

ASSQ G DIAL MARKING

Definition: AN INDICATION OF THE MARKING(S) ON THE DIAL.

Reply Instructions: Enter the reply in clear text.

(e.g.,ASSQG10-5-0-5-10*)

FB*, FC*, FD*, FG, FH*

AJKF D CONTAINER TYPE

Definition: INDICATES THE TYPE OF CONTAINER PROVIDED, SUCH AS BOX, CAN, CRATE, CHEST, AND THE LIKE, EXCLUDING OUTSIDE PACKAGING MATERIAL.

Reply Instructions: Enter the Reply Code from the table below. (e.g., AJKFDAN*; AJKFDAN$DAP*)

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (AF72)
AN	CASE
AC	CHEST
AP	ROLL

FG

AQCL J THROAT DEPTH

Definition: A MEASUREMENT BETWEEN SPECIFIED POINTS ON THE THROAT, IN DISTINCTION FROM HEIGHT.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AQCLJAA3.000*; AQCLJAB2.000$$JAC4.000*; AQCLJLA87.2*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

CBBL D FEATURES PROVIDED

Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (CBBLDCSQ*)

REPLY CODE	REPLY (AN47)
DRU	CARBIDE TIPPED JAWS
CSQ	DEMAGNETIZED
DZW	ELECTRONIC DIGITAL DISPLAY
DRV	HARDENED JAWS
DRW	HARNEDED MICROMETER SPINDLE

FIIG T
Section Parts

APP Key	MRC	Mode Code	Requirements
	BKW		NONMAGNETIC

SECTION: G

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED08202*)

GC			
	MATL	D	MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH AN ITEM IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A, Table 1. (e.g., MATLDST0000*; MATLDFE0000$$DFEA000*; MATLDFE0000$DFEA000*)

GA			
	ADQF	D	HANDLE TYPE

Definition: INDICATES THE TYPE OF HANDLE DESIGNED TO BE ATTACHED TO OR THROUGH AN ITEM FOR THE PURPOSE OF OPENING, LIFTING, CLOSING, OR THE LIKE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ADQFDBT*; ADQFDBT$$DJD*; ADQFDBT$DJD*)

REPLY CODE	REPLY (AC55)
A	ANY ACCEPTABLE
	Combination Rigid and Toggle (use Reply Codes BT and JD)
BT	RIGID
JD	TOGGLE

GB			
	APGF	D	DESIGN TYPE

APP Key	MRC	Mode Code	Requirements

Definition: INDICATES THE DESIGN TYPE OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APGFDFCC*; APGFDFCC$DAFC*)

REPLY CODE	REPLY (AK54)
FCC	BENCH MOUNTING
AFC	HAND HELD

ALL

CNKF G INDICATOR DIAL RANGE

Definition: THE RANGE OF THE INDICATOR DIAL.

Reply Instructions: Enter the reply in clear text.

(e.g.,CNKFG0-5-0*)

ALL

CNKG J INDICATOR DIAL GRADUATION UNIT

Definition: THE INCREMENT OF MEASURE REPRESENTED BY THE MARKING(S) ON THE INDICATOR DIAL.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., CNKGJADQ0.0001*; CNKGJAHA0.1*)

REPLY CODE	REPLY (AK09)
ADQ	INCH
AHA	MILLIMETERS

GB

CNKH D INDICATOR DIAL ADJUSTABILITY

Definition: AN INDICATION OF WHETHER OR NOT THE INDICATOR DIAL IS ADJUSTABLE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CNKHDA*; CNKHDA$DC*)

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (AB00)
A	ADJUSTABLE
C	NONADJUSTABLE

ALL

CNKJ A CONTACT POINT QUANTITY

Definition: THE NUMBER OF CONTACT POINTS PROVIDED.

Reply Instructions: Enter the quantity. (e.g., CNKJA2*; CNKJA2$A3*)

GB

CNKK D CONTACT POINT OPERATION METHOD

Definition: THE MEANS PROVIDED TO OPERATE THE CONTACT POINT(S).

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CNKKDAAAH*; CNKKDAAAH$$DAAHD*; CNKKDAAAH$DAAHD*)

REPLY CODE	REPLY (AC58)
AAAH	LEVER
AAKC	PLUNGER
AAKD	SPRING
AAHD	TRIGGER

GB

CNKL D MEASURING HEAD TYPE

Definition: INDICATES THE TYPE OF MEASURING HEAD PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CNKLDATN*; CNKLDATN$DAPM*)

REPLY CODE	REPLY (AK95)
ATN	PIN
APM	PLUG
BKY	SLOTTED

GB

APP Key	MRC	Mode Code	Requirements
	CNKM	D	MEASURING HEAD INTERCHANGEABILITY

Definition: AN INDICATION OF WHETHER OR NOT THE MEASURING HEAD IS INTERCHANGEABLE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CNKMDCZ*; CNKMDCZ$DDA*)

REPLY CODE	REPLY (AM12)
CZ	FIXED
DA	INTERCHANGEABLE

ALL

	CNKN	J	MEASURING HEAD GAGING RANGE

Definition: AN INDICATION OF THE MINIMUM AND MAXIMUM GAGING CAPACITY OF THE MEASURING HEAD.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric values separated by a table below, followed by the numeric values separated by a slash. Precede all values with a P. (e.g., CNKNJAP2.500/P6.000*; CNKNJLP63.5/P152.4*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

GC*

	ABRY	J	LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF ANY OBJECT, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABRYJFA25.000*; ABRYJMA635.0*; ABRYJFB24.000$$JFC26.000*)

Table 1

REPLY CODE	REPLY (AA05)
F	FEET
M	METERS

APP Key	MRC	Mode Code	Requirements

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

GC*

ABMZ J DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF A CIRCULAR FIGURE OR BODY, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMZJAA0.375*; ABMZJLA9.5*; ABMZJAB0.275$$JAC0.475*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

GC*

ABGL J WIDTH

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABGLJAA0.500*; ABGLJLA12.7*; ABGLJAB0.500$$JAC0.600*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES

APP Key	MRC	Mode Code	Requirements
		L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

GA

CNKP D MEASURING HEAD LOCKING DEVICE

Definition: AN INDICATION OF WHETHER OR NOT A MEASURING HEAD LOCKING DEVICE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CNKPDB*; CNKPDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

GA

CNKQ D MEASURING HEAD SLED HARDENED/GROUND FEATURE

Definition: AN INDICATION OF WHETHER OR NOT A HARDENED AND GROUND FEATURE IS INCLUDED ON THE MEASURING HEAD SLED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CNKQDB*; CNKQDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

GB

CNKR J MEASURING HEAD GAGING LENGTH

APP Key	MRC	Mode Code	Requirements

Definition: A MEASUREMENT OF THE LONGEST DIMENSION THE MEASURING HEAD IS CAPABLE OF GAGING.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., CNKRJAA2.750*; CNKRJLA69;.8*; CNKRJAB2.550$$JAC2.950*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

GB*

CNKS J DISTANCE FROM CONTACT POINT TO HEAD END/PLUG

Definition: THE DISTANCE FROM THE CONTACT POINT TO THE HEAD END AND/OR PLUG.

Reply Instructions: Enter the applicable Reply Codes from Tables 1, 2, and 3 below, followed by the numeric value. (e.g., CNKSJAABGW0.172*; CNKSJLABGW4.3*; CNKSJABBGW0.125$$JACBGW0.130*; CNKSJABBGW0.125$JACBWG0.230*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM

APP Key	MRC	Mode Code	Requirements
		C	MAXIMUM

Table 3

REPLY CODE	REPLY (AJ91)
BGW	HEAD END
AGK	PLUG

ALL*

CBBL D FEATURES PROVIDED

Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBBLDCSQ*)

REPLY CODE	REPLY (AN47)
CSQ	DEMAGNETIZED
BKW	NONMAGNETIC

SECTION: H

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED12990*)

HB			
	MATL	D	MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH AN ITEM IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., MATLDST0000*; MATLDPC0000$$DSTD000*)

ALL*			
	CBBL	D	FEATURES PROVIDED

Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBBLDDDH*)

REPLY CODE	REPLY (AN47)
DDH	ADDITIONAL INTEGRAL JAW SET
CSQ	DEMAGNETIZED
DDJ	FINE ADJUSTMENT
DDK	INTEGRAL DEPTH GAGE
DDL	INTERNALLY ILLUMINATED
AKG	LOCKING DEVICE
BKW	NONMAGNETIC

ALL			
	BSFC	J	GAGING RANGE

Definition: THE GAGING RANGE FOR WHICH THE ITEM IS DESIGNED

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric values separated by a slash. Precede all values with a P. (e.g., BSFCJAP0.000/P0.500*; BSFCJLP0.0/P12.7*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

ALL*

AJKF D CONTAINER TYPE

Definition: INDICATES THE TYPE OF CONTAINER PROVIDED, SUCH AS BOX, CAN, CRATE, CHEST, AND THE LIKE, EXCLUDING OUTSIDE PACKAGING MATERIAL

Reply Instructions: Enter the Reply Code from the table below. (e.g., AJKFDAC*; AJKFDAC$DAP*)

REPLY CODE	REPLY (AF72)
AC	CHEST
DH	RECEPTACLE
AP	ROLL

HB

AMKD D INDICATOR TYPE

Definition: INDICATES THE TYPE OF DEVICE USED TO REGISTER THE CONDITION/S.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AMKDDAJB*)

REPLY CODE	REPLY (AJ12)
AJB	DIAL W/POINTER
AMD	DIGITAL READOUT
AHB	VERNIER (Scale)

APP Key	MRC	Mode Code	Requirements

NOTE FOR MRCS CNKW, ASSQ, CNKX, CNKY, CPMJ, AND CNKZ: FOR APPLICABILITY KEY HB, REPLY TO THESE MRCS IF REPLY CODE AJB IS ENTERED FOR MRC AMKD.

HA, HB* (See Note Above)

CNKW J DIAL FACE DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF THE DIAL FACE, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., CNKWJAA2.219*; CNKWJAB2.119$$JAC2.319*; CNKWJLA56.3*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

HA, HB* (See Note Preceding MRC CNKW)

ASSQ G DIAL MARKING

Definition: AN INDICATION OF THE MARKING(S) ON THE DIAL.

Reply Instructions: Enter the reply in clear text. (e.g., ASSQG0 TO 5 TO 0*)

HA, HB* (See Note Preceding MRC CNKW)

CNKX J DIAL MINIMUM GRADUATION UNIT

Definition: THE SMALLEST INCREMENT OF MEASURE REPRESENTED BY THE MARKING(S) ON THE DIAL.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., CNKXJADQ0.0001*; CNKXJAHA0.1*)

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (AK09)
ADQ	INCH
AHA	MILLIMETER

HA, HB* (See Note Preceding MRC CNKW)

CNKY D DIAL ADJUSTABILITY

Definition: AN INDICATION OF WHETHER OR NOT THE DIAL IS ADJUSTABLE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CNKYDA*; CNKYDA$DC*)

REPLY CODE	REPLY (AB00)
A	ADJUSTABLE
C	NONADJUSTABLE

HA, HB* (See Note Preceding MRC CNKW)

CPMJ D DIAL TELL-TALE REVOLUTION COUNTER HAND

Definition: AN INDICATION OF WHETHER OR NOT A TELL-TALE REVOLUTION COUNTER HAND IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CPMJDB*; CPMJDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

NOTE FOR MRC CNKZ: REPLY TO THIS MRC IF REPLY CODE B IS ENTERED FOR MRC CPMJ.

HA*, HB* (See Notes Above and Preceding MRC CNKW)

CNKZ F REVOLUTION COUNTER RANGE

APP Key	MRC	Mode Code	Requirements

Definition: THE MINIMUM AND MAXIMUM NUMBER OF REVOLUTIONS THE ITEM WILL COUNT.

Reply Instructions: Enter the numeric values separated by a slash. Precede all values with a P. (e.g., CNKZFP0.0/P10.0*)

NOTE FOR MRCS AACT, ACDC, AMSE, CQTB, CQYX, CTDC, BFQN, AND CRHF: FOR APPLICABILITY KEY HB, REPLY TO THESE MRCS IF REPLY CODE AMD IS ENTERED FOR MRC AMKD

HB* (See Note Above)

AACT D CIRCUIT CURRENT FOR WHICH DESIGNED

Definition: THE TYPE OF ELECTRICAL CIRCUIT IN WHICH THE ITEM IS DESIGNED TO BE USED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AACTDB*; AACTDB$$DC*)

REPLY CODE	REPLY (AB62)
B	AC
C	DC

HB* (See Note Preceding MRC AACT)

ACDC D CURRENT TYPE

Definition: INDICATES THE TYPE OF CURRENT WHETHER ALTERNATING, DIRECT, OR BOTH.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ACDCDB*; ACDCDB$DC*)

REPLY CODE	REPLY (AB62)
B	AC
C	DC

HB* (See Note Preceding MRC AACT)

AMSE J VOLTAGE RATING

APP Key	MRC	Mode Code	Requirements

Definition: THE VALUE(S) OF POTENTIAL FOR WHICH THE ITEM IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AMSEJVA110.0*; AMSEJVB110.0$$JVC120.0*)

For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., AMSEKN*)

Table 1

REPLY CODE	REPLY (AB63)
K	KILOVOLTS
V	VOLTS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

HB* (See Note Preceding MRC AACT)

CQTB A MEMORY QUANTITY

Definition: THE NUMBER OF MEMORIES INCLUDED IN THE ITEM.

Reply Instructions: Enter the quantity. (e.g., CQTBA10*)

HB* (See Note Preceding MRC AACT)

CQYX D PROGRAMMING METHOD

Definition: THE MEANS BY WHICH THE ITEM IS PROGRAMMED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CQYXDABR*; CQYXDABR$$DABS*)

REPLY CODE	REPLY (AC58)
ABR	CASSETTE
ABS	KEYBOARD
ABT	MAGNETIC CARD
ABW	PUNCHED CARD

APP Key	MRC	Mode Code	Requirements

HB* (See Note Preceding MRC AACT)

CTDC A PROGRAMMING STEPS ACCOMMODATED

Definition: THE MAXIMUM NUMBER OF PROGRAMMING STEPS ACCOMMODATED.

Reply Instructions: Enter the quantity. (e.g., CTDCA500*)

HB* (See Note Preceding MRC AACT)

BFQN D DISPLAY TYPE

Definition: INDICATES THE TYPE OF DISPLAY PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BFQNDFJS*)

REPLY CODE	REPLY (AK54)
FJS	FLUORSCENT TUBE
FJT	GAS DISCHARGE TUBE
FJW	LIGHT EMITTING DIODE
FJX	LIQUID CRYSTAL

HB* (See Note Preceding MRC AACT)

CRHF A MAXIMUM DECIMAL CAPACITY

Definition: THE MAXIMUM NUMBER OF DECIMALS ACCOMMODATED.

Reply Instructions: Enter the number. (e.g., CRHFA10*)

HB*

CKJW D VERNIER SCALE USAGE LOCATION

Definition: INDICATES THE LOCATION AT WHICH THE VERNIER SCALE IS TO BE USED.

Reply Instructions: Enter the applicable Reply Code from the table below. Use AND coding ($$), beginning with the inside English scale, when two or more vernier scales are provided. (e.g., CKJWDABH*; CKJWDABH$$DARZ*; CKJWDABH$DARZ*)

REPLY CODE	REPLY (AJ91)
ABH	INSIDE

APP Key	MRC	Mode Code	Requirements
	ARZ		OUTSIDE

NOTE FOR MRCS BCTQ AND CKJX: FOR APPLICABILITY KEY HB, REPLY TO THESE MRCS IF REPLY CODE AHB IS ENTERED FOR MRC AMKD.

HB* (See Note Above)

BCTQ J MINIMUM VERNIER GRADUATION UNIT

Definition: THE SMALLEST INCREMENT OF MEASURE REPRESENTED BY THE MARKING(S) ON A VERNIER.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. Use AND/OR ($$/$) Coding, beginning with the inside English scale, when two or more vernier scales are provided.(e.g., BCTQJAAG0.001*; BCTQJABC0.1*; BCTQJAAG0.001$$JABC0.1*; BCTQJAAG0.001$JABC0.1*)

REPLY CODE	REPLY (AJ40)
AAG	INCHES
ABC	MILLIMETERS

HB*

CKJX D VERNIER SCALE LOCATION

Definition: INDICATES THE LOCATION OF THE VERNIER SCALE ON THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. Use AND coding ($$), beginning with the inside English scale, when two or more vernier scales are provided. (e.g., CKJXDABC*; CKJXDBHR$$DBHS*; CKJXDBHR$DBHS*)

REPLY CODE	REPLY (AJ91)
AAZ	BACK
ABC	FRONT
BHR	LOWER BACK
BHS	LOWER FRONT
BJB	UPPER FRONT

APP Key	MRC	Mode Code	Requirements

HA, HB*

AGNF J BASE LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF THE BASE, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AGNFJAA8.125*; AGNFJAB8.000$$JAC8.250*; AGNFJLA206.3*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

HA, HB*

ACUU J BASE WIDTH

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF THE BASE, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ACUUJAA0.749*; ACUUJLA19.0*; ACUUJAB0.549$$JAC0.949*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

APP Key	MRC	Mode Code	Requirements

HA, HB*

CNLB D REVERSE MOVEMENT FEATURE

Definition: AN INDICATION OF WHETHER OR NOT A REVERSE MOVEMENT FEATURE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CNLBDB*; CNLBDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

HB

BNHZ J ACCURACY RATING

Definition: AN INDICATION OF THE ACCURACY OF AN ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BNHZJAAG0.001*; BNHZJABC0.1*; BNHZJAAG0.001$$JABC0.1*)

REPLY CODE	REPLY (AJ40)
AAG	INCHES
ABC	MILLIMETERS

HB*

ASYY D JAW TYPE

Definition: INDICATES THE TYPE OF JAW FURNISHED WITH THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ASYYDCY*; ASYYDCX$DCY*)

REPLY CODE	REPLY (AK42)
CX	CROSS HORN
CY	KNIFE EDGE
CZ	OFFSET

APP Key	MRC	Mode Code	Requirements

HB*

AFJF D SPECIFIC USE

Definition: THE REQUIRED PURPOSE OR APPLICATION FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AFJFDNY*)

REPLY CODE	REPLY (AD34)
NW	ACCURATE DIVIDING
NX	INSIDE MEASUREMENT
NY	OUTSIDE MEASUREMENT

HA

BYDT D BEARING TYPE

Definition: INDICATES THE TYPE OF BEARING PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BYTDAZ*; BYDTDAZ$DAB*)

REPLY CODE	REPLY (AH96)
AZ	JEWEL
AB	PLAIN

HA

CNLC D CONTACT POINT TYPE

Definition: INDICATES THE TYPE OF CONTACT POINT(S) PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CNLCDABR*; CNLCDABR$DCEP*)

REPLY CODE	REPLY (AK54)
ABR	REGULAR
CEP	SPECIAL

APP Key	MRC	Mode Code	Requirements

NOTE FOR MRC SHPE: REPLY TO THIS MRC IF REPLY CODE CEP IS ENTERED FOR MRC CNLC.

HA* (See Note Above)

SHPE D SHAPE

Definition: THE PHYSICAL CONFIGURATION OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., SHPEDAPL*; SHPEDAMM$DAQX*)

REPLY CODE	REPLY (AD07)
BGJ	NEEDLE POINTED
AMM	POINTED
APL	ROUND
AQX	ROUNDED
AWS	TAPERED

HA*, HB

AKYD G ACCESSORY COMPONENTS AND QUANTITY

Definition: THE NAME AND NUMBER OF PARTS SUPPLIED WITH THE ITEM WHICH MAY BE REQUIRED FOR APPLICATION.

Reply Instructions: Enter the reply in clear text. (e.g., AKYDGCLAMP, BEZEL, SIDE, 1*; AKYDGADAPTER, 1;BASE, 1*)

SECTION: J

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED15281*)

ALL

APGF D DESIGN TYPE

Definition: INDICATES THE DESIGN TYPE OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APGFDFDQ*; APGFDFDQ$DFDR*)

REPLY CODE	REPLY (AK54)
FDQ	MULTIPLE ROD
FDR	SINGLE ROD

ALL

CNLD A ROD QUANTITY

Definition: THE NUMBER OF RODS PROVIDED.

Reply Instructions: Enter the quantity. (e.g., CNLDA6*; CNLDA6$A7*)

ALL

CNLF G ROD SIZE DESIGNATION

Definition: A DESIGNATION INDICATING THE SIZE BY WHICH THE RODS ARE IDENTIFIED.

Reply Instructions: Enter the reply in clear text. (e.g., CNFLG0.045 IN. THICK BY 0.500 IN. WIDE*)

ALL

BSFC J GAGING RANGE

APP Key	MRC	Mode Code	Requirements

Definition: THE GAGING RANGE FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric values, separated by a slash. Precede all values with a P. (e.g., BSFCJAP0.000/P2.500*; BSFCJLP0.0/P63.5*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

ALL

AGNF J BASE LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF THE BASE, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AGNFJAA2.500*; AGNFJLA63.5*; AGNFJAB2.000$$JAC3.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

ANBJ J GRADUATION UNIT

Definition: THE INCREMENT OF MEASURE REPRESENTED BY THE MARKING(S) ON THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., ANBJJAAG0.0001*; ANBJJABC0.1*)

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (AJ40)
AAG	INCHES
ABC	MILLIMETERS

ALL

CNJT D RATCHET STOP

Definition: AN INDICATION OF WHETHER OR NOT A RATCHET STOP IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CNJTDB*; CNJTDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

ALL

ALFK D CASE

Definition: AN INDICATION OF WHETHER OR NOT A CONTAINER FROM WHICH THE ITEM IS COMPLETELY REMOVABLE IS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALFKDB*; ALFKDB$DC*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

ALL*

CBBL D FEATURES PROVIDED

Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBBLDCSQ*)

FIIG T
Section Parts

APP Key	MRC	Mode Code	Requirements
		REPLY CODE	REPLY (AN47)
		CSQ	DEMAGNETIZED
		BKW	NONMAGNETIC

SECTION: K

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED05977*)

ALL			
	CNLG	A	BLADE GROUP QUANTITY

Definition: THE NUMBER OF BLADE GROUPS PROVIDED.

Reply Instructions: Enter the quantity. (e.g., CNLGA2*; CNLGA2$A3*)

1. ENGLISH SYSTEM 2. METRIC SYSTEM 3. STRAIGHT SHAPE 4. TAPERED SHAPE 5. BENT END SHAPE (Includes Offset) 6. SHORTEST LENGTH 7. NARROWEST WIDTH NOTE FOR MRCS BDLS, AJMH, AJLB, AEAE, CMZF, AND CPMW: FOR VARIATIONS IN MEASURING SYSTEMS, SHAPES, LENGTHS, AND/OR WIDTHS, USE AND/OR CODING ($$/$), AS INDICATED, TO ENTER REPLIES FOR EACH VARIATION, IN THE FOLLOWING SEQUENCE: 1. ENGLISH SYSTEM 2. METRIC SYSTEM 3. STRAIGHT SHAPE 4. TAPERED SHAPE 5. BENT END SHAPE (Includes Offset) 6. SHORTEST LENGTH 7. NARROWEST WIDTH

ALL (See Note Above)			
	BDLS	D	MEASUREMENT SYSTEM

Definition: AN INDICATION OF THE MEASURING SYSTEM USED WITH THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BDLSDAD*; BDLSDAD$$DAC*; BDLSDAD$DAC*)

REPLY CODE	REPLY (AM14)
AD	ENGLISH
AC	METRIC

ALL (See Note Preceding MRC BDLS)

APP Key	MRC	Mode Code	Requirements
	AJMH	D	BLADE SHAPE

Definition: THE PHYSICAL CONFIGURATION OF THE BLADE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AJMHDATG*; AJMHDATG$$DBGK*)

REPLY CODE	REPLY (AD07)
BGK	BENT END
AKW	OFFSET
ATG	STRAIGHT
AWS	TAPERED

ALL (See Note Preceding MRC BDLS)

	AJLB	A	BLADE QUANTITY

Definition: THE NUMBER OF INDIVIDUAL BLADES INCLUDED.

Reply Instructions: Enter the quantity. (e.g., AJLBA26*; AJLBA10$$A11*)

ALL

	AEAE	J	BLADE LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF THE BLADE, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AEAEJAA3.250*; AEAEJAB3.000$JAC3.500*; AEAEJLA83.5*; AEAEJAB3.000$$JAC3.500*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM

APP Key	MRC	Mode Code	Requirements
		C	MAXIMUM

ALL (See Note Preceding MRC BDLS)

CMZF J BLADE TIP WIDTH

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF THE BLADE TIP, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Table 1 and 2 below, followed by the numeric value. (e.g., CMZFJAA0.500*; CMZFJAB0.250$$JAC0.750*; CMZFJLA12.7*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL (See Note Preceding MRC BDLS)

CPMW J BLADE THICKNESS

Definition: A MEASUREMENT OF THE SMALLEST DIMENSION OF A BLADE, IN DISTINCTION FROM LENGTH OR WIDTH.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., CPMWJA0.0015*; CPMWJL0.3*; CPMWJA0.0015$JA0.0020*)

REPLY CODE	REPLY (AA05)

APP Key	MRC	Mode Code	Requirements
		A	INCHES
		L	MILLIMETERS

ALL

CNLH D BLADE LOCK

Definition: AN INDICATION OF WHETHER OR NOT A BLADE LOCK IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CNLHDB*; CNLHDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

ALL*

CBBL D FEATURES PROVIDED

Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBBLDCSQ*)

REPLY CODE	REPLY (AN47)
CSQ	DEMAGNETIZED
BKW	NONMAGNETIC

SECTION: L

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED08041*)

ALL			
	APGF	D	DESIGN TYPE

Definition: INDICATES THE DESIGN TYPE OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APGFDFDX*; APGFDFDX$DFDY*)

REPLY CODE	REPLY (AK54)
FDX	ENCASED BLADE
FDY	SINGLE BLADE

NOTE FOR MRC CNLG: REPLY TO THIS MRC IF REPLY CODE FDX IS ENTERED FOR MRC APGF.

ALL* (See Note Above)			
	CNLG	A	BLADE GROUP QUANTITY

Definition: THE NUMBER OF BLADE GROUPS PROVIDED.

Reply Instructions: Enter the quantity. (e.g., CNLGA2*; CNLGA2$A3*)

ALL			
	AJLB	A	BLADE QUANTITY

Definition: THE NUMBER OF INDIVIDUAL BLADES INCLUDED.

Reply Instructions: Enter the quantity. (e.g., AJLBA18*; AJLBA18$A19*)

LA

APP Key	MRC	Mode Code	Requirements
	AJYM	D	SCREW THREAD FORM DESIGNATOR

Definition: A DESIGNATION DISTINGUISHING ONE SCREW THREAD FROM ANOTHER ACCORDING TO THE PARTICULAR FORM DEVELOPED, USUALLY DENOTED BY DESIGN DIFFERENCES IN THE BASIC PROFILE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AJYMDAC*)

REPLY CODE	REPLY (AG11)
AC	AMERICAN NATIONAL (unified)
AP	METRIC
AQ	SHARP V
AR	U.S. STANDARD 60 DEGREE
AS	V
AT	WHITWORTH

LA

	CPML	G	THREAD PITCH

Definition: AN INDICATION OF THE THREAD PITCH(ES) OF THE ITEM.

Reply Instructions: Enter the reply in clear text. Enter values in ascending sequence separating with a comma.

(e.g.,CPMLG8,9,10,11,11-1/2,12,13,14,16,18, AND 20 THD PER IN.*)

LA

	CNLH	D	BLADE LOCK

Definition: AN INDICATION OF WHETHER OR NOT A BLADE LOCK IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CNLHDB*; CNLHDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

LB

APP Key	MRC	Mode Code	Requirements
	CPMM	G	BLADE ANGLE IN DEG

Definition: THE ANGLE OF BLADE PITCH MEASURED FROM THE PLANE AT A SPECIFIED LOCATION, EXPRESSED IN DEGREES.

Reply Instructions: Enter the reply in clear text. Enter values in ascending sequence separating with a comma.

(e.g., CPMMG1,2,3,4,5,7,8,9,10,11,12,14,14-1/2*)

ALL*

	CBBL	D	FEATURES PROVIDED

Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBBLDCSQ*)

REPLY CODE	REPLY (AN47)
CSQ	DEMAGNETIZED
BKW	NONMAGNETIC

SECTION: M

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED06276*)

ALL			
	APCS	D	ADJUSTABILITY

Definition: AN INDICATION OF WHETHER OR NOT THE ITEM IS ADJUSTABLE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APCSDA*; APCSDA$DC*)

REPLY CODE	REPLY (AB00)
A	ADJUSTABLE
C	NONADJUSTABLE

ALL*			
	ATPX	D	ROLL TYPE

Definition: INDICATES THE TYPE OF ROLL(S) PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ATPXDAAK*; ATPXDAAK$DAAL*)

REPLY CODE	REPLY (AM21)
AAK	ANNULAR
AAL	PLAIN TAPER

ALL*			
	CNLK	A	MAXIMUM THREAD SIZE FOR WHICH DESIGNED

APP Key	MRC	Mode Code	Requirements

Definition: AN INDICATION OF THE LARGEST THREAD FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the maximum thread size.

(e.g., CNLKA3/5-18*)

ALL*

CNLJ D THREAD SERIES FOR WHICH DESIGNED

Definition: AN INDICATION OF THE THREAD SERIES FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CNLJDAN*)

REPLY CODE	REPLY (AH06)
AN	ANPT
NP	NPT

ALL

MARK G SPECIAL MARKINGS

Definition: MARKINGS INCLUDED ON AN ITEM FOR THE PURPOSE OF OFFERING INSTRUCTIONS OR WARNINGS OR TO INDICATE THE PURPOSE, FUNCTION, OR APPLICATION OF THE ITEM. EXCLUDES MANUFACTURERS PART NUMBERS, SYMBOLS, OR THE LIKE.

Reply Instructions: Enter the reply in clear text.

(e.g.,MARKG3/5-18NPT BASIC MIN, MAX*)

ALL*

CBBL D FEATURES PROVIDED

Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBBLDBKW*)

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (AN47)
CSQ	DEMAGNETIZED
BKW	NONMAGNETIC

SECTION: N

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED05440*)

ALL			
	BDLS	D	MEASUREMENT SYSTEM

Definition: AN INDICATION OF THE MEASURING SYSTEM USED WITH THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BDLSDAD*; BDLSDAD$DAC*; BDLSDAC$$DAD*)

REPLY CODE	REPLY (AM14)
AD	ENGLISH
AC	METRIC

NA #			
	AMRN #	J	SIZE DESIGNATOR

Definition: A DESIGNATION INDICATING THE SIZE BY WHICH THE ITEM IS COMMERCIALLY KNOWN AND/OR IDENTIFIED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AMRNJAA18.000*; AMRNJLA457.2*; AMRNJAB17.000$$JAC19.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL

APP Key	MRC	Mode Code	Requirements
		B	MINIMUM
		C	MAXIMUM

NA #

CNLL # J JAW OUTSIDE MEASUREMENT RANGE

Definition: THE MINIMUM AND MAXIMUM LIMITS OF THE JAW OUTSIDE MEASUREMENT.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric values separated by a slash. Precede all values with a P. (e.g., CNLLJAP1.500/P18.00*; CNLLJLP38.1/P457.2*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

NOTE FOR MRCS CKJR AND CKJS: RANGE OF VERNIER CALIPER DOES NOT INCLUDE THE ADDITIONAL SCALE GRADUATIONS PROVIDED FOR VERNIER CALIBRATIONS FOR MEASUREMENTS NEAR OR AT THE TOP OF THE RANGE. GIVE MANUFACTURER'S SPECIFIED MEASURING CAPACITY.

NB, NC, ND # (See Note Above)

CKJR J OUTSIDE MEASUREMENT RANGE

Definition: THE MINIMUM AND MAXIMUM LIMITS OF THE OUTSIDE MEASUREMENT.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric values separated by a slash. Precede all values with a P. (e.g., CKJRJAP0.000/P6.000*; CKJRJLP0.0/P152.4*; CKJRJAP0.000/P6.000$$JLP0.0/P150.0*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

NB, NC, NE # (See Note Preceding MRC CKJR)

APP Key	MRC	Mode Code	Requirements
	CKJS	J	INSIDE MEASUREMENT RANGE

Definition: THE MINIMUM AND MAXIMUM LIMITS OF THE INSIDE MEASUREMENT.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric values separated by a slash. Precede all values with a P. (e.g., CKJSJAP0.250/P6.000*; CKJSJLP6.3/P152.4*; CKJSJAP0.250/P6.000$$JLP6.0/P150.0*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

NB, NC

CNLM	D	INSIDE MEASUREMENT READING METHOD

Definition: THE MEANS USED TO READ THE INSIDE MEASUREMENT.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CNLMDALR*; CNLMDALR$DAHE*)

REPLY CODE	REPLY (AJ12)
ALR	CORRECTION NECESSARY FOR NIBS THICKNESS
AHE	DIRECT READING

NB, NC

CKKL	J	NIB CLOSED POSITION WIDTH

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF THE NIB IN A CLOSED POSITION, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., CKKLJA0.300*; CKKLJL7.6*)

REPLY CODE	REPLY (AA05)
A	INCHES

APP Key	MRC	Mode Code	Requirements
		L	MILLIMETERS

NB, NC

BJXP	J	JAW DEPTH

Definition: A MEASUREMENT BETWEEN SPECIFIED POINTS ON THE JAW, IN DISTINCTION FROM HEIGHT.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BJXPJAA1.625*; BJXPJLA41.2*; BJXPJAB1.525$$JAC1.725*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

NA* #

CPQN #	D	MEASUREMENT FEATURE BETWEEN JAWS

Definition: AN INDICATION OF WHETHER OR NOT A MEASUREMENT FEATURE BETWEEN JAWS IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CPQNDB*; CPQNDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

NOTE FOR MRC ASXQ: REPLY TO THIS MRC IF REPLY CODE B IS ENTERED FOR MRC CPQN.

APP Key	MRC	Mode Code	Requirements

NA* #(See Note Above)

ASXQ G GRADUATION RANGE

Definition: AN INDICATION OF THE GRADUATION RANGE OF THE ITEM.

Reply Instructions: Enter the reply in clear text. (e.g., ASXQG0 TO 9 IN.*; ASXQG0 TO 150MM*)

NB*

CKJW D VERNIER SCALE USAGE LOCATION

Definition: INDICATES THE LOCATION AT WHICH THE VERNIER SCALE IS TO BE USED.

Reply Instructions: Enter the applicable Reply Code from the table below. When two or more vernier scales are provided, use AND coding ($$), entering replies beginning with the inside English scale. (e.g., CKJWDABH*; CKJWDABH$$DARZ*; CKJWDABH$DARZ*)

REPLY CODE	REPLY (AJ91)
ABH	INSIDE
ARZ	OUTSIDE

NA #, NB

BCTQ J MINIMUM VERNIER GRADUATION UNIT

Definition: THE SMALLEST INCREMENT OF MEASURE REPRESENTED BY THE MARKING(S) ON A VERNIER.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. When two or more vernier scales are provided, use AND/OR ($$/$) Coding, entering replies beginning with the inside English scale. (e.g., BCTQJAAG0.001; BCTQJABC0.1*;*

BCTQJAAG0.001$$JABC0.1;*

BCTQJAAG0.001$JABC0.1)*

REPLY CODE	REPLY (AJ40)
AAG	INCHES
ABC	MILLIMETERS

APP Key	MRC	Mode Code	Requirements

NB*

CKJX D VERNIER SCALE LOCATION

Definition: INDICATES THE LOCATION OF THE VERNIER SCALE ON THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. When two or more vernier scales are provided, use AND coding ($$), entering replies beginning with the inside English scale. (e.g., CKJXDABC*; CKJXDBHR$$DBHS*; CKJXDBHR$DBHS*)

REPLY CODE	REPLY (AJ91)
AAZ	BACK
ABC	FRONT
BHR	LOWER BACK
BHS	LOWER FRONT
BJB	UPPER FRONT

NC, ND #, NE #

BNHZ J ACCURACY RATING

Definition: AN INDICATION OF THE ACCURACY OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BNHZJAAG0.001*; BNHZJABC0.1*; BNHZJAAG0.001$$JABC0.1*)

REPLY CODE	REPLY (AJ40)
AAG	INCHES
ABC	MILLIMETERS

NA #, NB, NC, ND #, NE #

AFJU D CARRYING CASE

Definition: AN INDICATION OF WHETHER OR NOT A CONTAINER FROM WHICH THE ITEM IS COMPLETELY REMOVABLE IN NORMAL OPERABLE CONDITION IS PROVIDED.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AFJUDB*; AFJUDB$DC*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

NA* #, NB*

APEA D SURFACE CONDITION

Definition: THE CONDITION OF THE ITEM WITH RESPECT TO THE TEXTURE OF THE SURFACE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APEADBEG*; APEADBCJ$DBGX*)

REPLY CODE	REPLY (AK39)
BEG	BRIGHT FINISH
BCJ	DULL
BGX	DULL CHROME
BHK	DULL CHROMIUM
BGY	DULL SATIN-CHROME

NB, NC

CKJY D FINE ADJUSTMENT FEATURE

Definition: AN INDICATION OF WHETHER OR NOT A FINE ADJUSTMENT FEATURE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CKJYDB*; CKJYDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

NB*, NC*

CKJZ D ADDITIONAL INTEGRAL JAW SET

APP Key	MRC	Mode Code	Requirements

Definition: AN INDICATION OF WHETHER OR NOT AN ADDITIONAL INTEGRAL JAW SET IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CKJZDB*; CKJZDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

NOTE FOR MRCS ASYY AND AFJF: REPLY TO THESE MRCS IF REPLY CODE B IS ENTERED FOR MRC CKJZ.

NB*, NC* (See Note Above)

ASYY D JAW TYPE

Definition: INDICATES THE TYPE OF JAW FURNISHED WITH THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ASYYDCY*; ASYYDCX$DCY*)

REPLY CODE	REPLY (AK42)
CX	CROSS HORN
CY	KNIFE EDGE CZ OFFSET

NB*, NC* (See Note Preceding MRC ASYY)

AFJF D SPECIFIC USE

Definition: THE REQUIRED PURPOSE OR APPLICATION FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AFJFDNY*)

REPLY CODE	REPLY (AD34)
NW	ACCURATE DIVIDING
NX	INSIDE MEASUREMENT
NY	OUTSIDE MEASUREMENT

APP Key	MRC	Mode Code	Requirements

NB, NC

CKKC D INTEGRAL DEPTH GAGE

Definition: AN INDICATION OF WHETHER OR NOT AN INTEGRAL DEPTH GAGE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CKKCDB*; CKKCDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

NB*, NC

MATL D MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH AN ITEM IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A, Table 1. (e.g., MATLDST0000*; MATLDPC0000$$DSTD000*)

NA* #, NB*, NC*, ND* #, NE* #

AKYD G ACCESSORY COMPONENTS AND QUANTITY

Definition: THE NAME AND NUMBER OF PARTS SUPPLIED WITH THE ITEM WHICH MAY BE REQUIRED FOR APPLICATION.

Reply Instructions: Enter the reply in clear text. (e.g., AKYDGSET, CENTER AND SMALL HOLE ATTACHMENT, 1*; AKYDGSCRIBER, 1;SET, CENTER AND SMALL HOLE ATTACHMENT, 1*)

ALL*

CBBL D FEATURES PROVIDED

Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBBLDBKW*)

REPLY CODE	REPLY (AN47)
CSQ	DEMAGNETIZED
BKW	NONMAGNETIC

SECTION: P

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED06254*)

ALL			
	CPLS	D	STANDARD TYPE

Definition: A DESIGNATION INDICATING THE STANDARD TYPE.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 4. (e.g., CPLSDABL*; CPLSDABN$$DABP*; CPLSDABN$DABP*)

ALL			
	SHPE	D	SHAPE

Definition: THE PHYSICAL CONFIGURATION OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., SHPEDABS*; SHPEDABS$DAND*)

REPLY CODE	REPLY (AD07)
Z	ANY ACCEPTABLE
ABS	CIRCULAR
BGL	OBLONG V-SLOT
AND	RECTANGULAR
AYG	U-SLOT

ALL			
	CPLT	G	GAGING SIZE RANGE

Definition: THE RANGE OF DIFFERENT SIZES THE ITEM WILL GAGE.

Reply Instructions: Enter the reply in clear text. (e.g., CPLTG000 TO 30*)

ALL

APP Key	MRC	Mode Code	Requirements
	CPLW	D	BACK SIDE DECIMAL EQUIVALENT MARKINGS

Definition: AN INDICATION OF WHETHER OR NOT DECIMAL EQUIVALENT MARKINGS ON THE BACK SIDE ARE INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CPLWDB*; CPLWDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

ALL*

	CBBL	D	FEATURES PROVIDED

Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBBLDBKW*)

REPLY CODE	REPLY (AN47)
CSQ	DEMAGNETIZED
BKW	NONMAGNETIC

SECTION: Q

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED08040*)

ALL			
	CPPH	J	FEELER TYPE AND QUANTITY

Definition: INDICATES THE TYPE AND NUMBER OF FEELERS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., CPPHJFEN15*; CPPHJFEN15$$JFEQ17*; CPPHJFEN15$JFEP15*)

REPLY CODE	REPLY (AK54)
FEN	ANGULAR BLADE
FEP	ANGULAR WIRE
FEQ	STRAIGHT BLADE
FER	STRAIGHT WIRE

NOTE FOR MRC CPMN: IF REPLY CODE FEN OR FEQ IS ENTERED FOR MRC CPPH, REPLY TO MRC CPMN.

ALL* (See Note Above)			
	CPMN	G	BLADE THICKNESS

Definition: A MEASUREMENT OF THE SMALLEST DIMENSION OF A BLADE, IN DISTINCTION FROM LENGTH OR WIDTH.

Reply Instructions: Enter replies in clear text, in ascending sequence separated by a comma. (e.g., CPMNG0.025,0.028,0.030,0.032,0.035,0.040 IN.*)

For items with angular and straight blades, enter the thickness of the angular blades first, separated by a comma, followed by a semicolon and replies for straight blades, separated by a comma. (e.g., CPMNG0.025,0.028,0.030,0.032;0.025,0.028,0.030,0.035,0.040 IN.*)

APP Key	MRC	Mode Code	Requirements

NOTE FOR MRC CPMP: IF REPLY CODE FEP OR FER IS ENTERED FOR MRC CPPH, REPLY TO MRC CPMP.

ALL* (See Note Above)

CPMP G WIRE DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF THE WIRE, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the reply in clear text in ascending sequence, separated with a comma. (e.g., CPMPG0.022,0.025,0.027,0.028,0.030 IN.*)

If item has angular and straight wires, enter the thickness of the angular wires first, separated by a comma, followed by a semicolon and replies for straight wires, separated by a comma. (e.g., CPMPG0.025,0.028,0.030,0.032;0.025,0.028,0.030,0.035,0.040 IN.*)

ALL

CPPJ D FEELER CONSTRUCTION

Definition: THE CONSTRUCTION OF THE FEELER(S).

Reply Instructions: Entere the applicable Reply Code from the table below. (e.g., CPPJDABC*; CPPJDABC$$DABC*)

REPLY CODE	REPLY (AL59)
AHE	FIXED
ABC	FOLDING
AHF	RETRACTABLE

ALL

CPPK D LOCKING TENSION DEVICE

Definition: AN INDICATION OF WHETHER OR NOT A LOCKING TENSION DEVICE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CPPKDB*; CPPKDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED

APP Key	MRC	Mode Code	Requirements
		C	NOT INCLUDED
ALL			
	CPPL	D	GAP ADJUSTING TOOL

Definition: AN INDICATION OF WHETHER OR NOT A GAP ADJUSTING TOOL IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CPPLDB*; CPPLDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

ALL

AESF	D	HOLDER MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE HOLDER IS FABRICATED.

Reply Instructions: Enter the applicable Reply Code from Appendix A, Table 1. (e.g., AESFDME0000*; AESFDFE0000$$DFEA000*; AESFDFE0000$DFEA000*)

ALL*

CBBL	D	FEATURES PROVIDED

Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBBLDBKW*)

REPLY CODE	REPLY (AN47)
CSQ	DEMAGNETIZED
BKW	NONMAGNETIC

SECTION: R

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED05922*)

ALL			
	APGF	D	DESIGN TYPE

Definition: INDICATES THE DESIGN TYPE OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APGFDAWH*; APGFDFES$$DAWH*)

REPLY CODE	REPLY (AK54)
FES	TOOLMAKER
AWH	UNIVERSAL

ALL			
	AHDR	J	SPINDLE LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF A SPINDLE, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AHDRJAA18.240*; AHDRJLA463.2*; AHDRJAB18.140$$JAC18.340*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

APP Key	MRC	Mode Code	Requirements

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

AGNF J BASE LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF THE BASE, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AGNFJAA3.750*; AGNFJLA95.2*; AGNFJAB3.650$$JAC3.850*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

ACUU J BASE WIDTH

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF THE BASE, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ACUUJAA3.250*; ACUUJLA83.5*; ACUUJAB3.200$$JAC3.300*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

APP Key	MRC	Mode Code	Requirements

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

CPPM D V-SLOTTED BASE

Definition: AN INDICATION OF WHETHER OR NOT A V-SLOTTED BASE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CPPMDB*; CPPMDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

ALL*

CPPN D BASE ALIGNMENT TYPE

Definition: INDICATES THE TYPE OF ALIGNMENT USED ON THE BASE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CPPNDD*; CPPNDD$DE*)

REPLY CODE	REPLY (AF16)
D	AUXILLARY GUIDE
E	GAGE PIN

ALL*

CBBL D FEATURES PROVIDED

Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBBLDBKW*)

REPLY CODE	REPLY (AN47)
CSQ	DEMAGNETIZED
BKW	NONMAGNETIC

SECTION: S

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED05978*)

ALL			
	BSFC	J	GAGING RANGE

Definition: THE GAGING RANGE FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric values separated by a slash. Precede all values with a P. (e.g., BSFCJAP3.500/P6.000*; BSFCJLP88.9/P152.4*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

ALL*			
	ADQF	D	HANDLE TYPE

Definition: INDICATES THE TYPE OF HANDLE DESIGNED TO BE ATTACHED TO OR THROUGH AN ITEM FOR THE PURPOSE OF OPENING, LIFTING, CLOSING, OR THE LIKE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ADQFDDH*)

REPLY CODE	REPLY (AC55)
A	ANY ACCEPTABLE
DH	INTEGRAL
JB	SELF CENTERING

ALL*

APP Key	MRC	Mode Code	Requirements
	AKYD	G	ACCESSORY COMPONENTS AND QUANTITY

Definition: THE NAME AND NUMBER OF PARTS SUPPLIED WITH THE ITEM WHICH MAY BE REQUIRED FOR APPLICATION.

Reply Instructions: Enter the reply in clear text. (e.g., AKYDGREFERENCE ZEROING GAGE RING 1*; AKYGREFERENCE ZEROING GAGE, 1; THUMBSCREW, 1*)

ALL*

	CBBL	D	FEATURES PROVIDED

Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBBLDCSQ*)

REPLY CODE	REPLY (AN47)
CSQ	DEMAGNETIZED
BKW	NONMAGNETIC

SECTION: T

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED13797*)

ALL			
	MATL	D	MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH AN ITEM IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., MATLDTNA000*; MATLDST0000$$DTNA000*; MATLDST0000$DTNA000*)

ALL			
	SHPE	D	SHAPE

Definition: THE PHYSICAL CONFIGURATION OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., SHPEDABS*; SHPEDAND$DASL*)

REPLY CODE	REPLY (AD07)
ABS	CIRCULAR
AND	RECTANGULAR
APL	ROUND
ASL	SQUARE

ALL			
	APGF	D	DESIGN TYPE

Definition: INDICATES THE DESIGN TYPE OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APGFDAEL*; APGFDAEL$DFEG*)

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (AK54)
AEL	SOLID
FEG	W/TIE ROD HOLE

ALL

CPPC J GAGING SIZE

Definition: DESIGNATES THE GAGING SIZE OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., CPPCJA0.080*; CPPCJL2.0*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

ALL

CPPD J GAGING SIZE TOLERANCE

Definition: THE LIMITS OF PERMISSIBLE VARIATION OF THE GAGING SIZE.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric values separated by a slash. Precede negative values with an M and positive values with a P. (e.g., CPPDJAM0.000002/P0.000004*; CPPDJLM0.1/P0.1*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

ALL*

CBBL D FEATURES PROVIDED

Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBBLDBKW*)

FIIG T
Section Parts

APP Key	MRC	Mode Code	Requirements
		REPLY CODE	REPLY (AN47)
		CSQ	DEMAGNETIZED
		BKW	NONMAGNETIC

SECTION: U

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED21743*)

ALL			
	ABRY	J	LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF ANY OBJECT, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABRYJFA25.000*; ABRYJMA635.0*; ABRYJFB24.000$$JFC26.000*)

Table 1

REPLY CODE	REPLY (AA05)
F	FEET
M	METERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL			
	ABGL	J	WIDTH

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABGLJAA0.500*; ABGLJLA12.7*; ABGLJAB0.500$$JAC0.600*)

Table 1

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

ABNM J THICKNESS

Definition: A MEASUREMENT OF THE SMALLEST DIMENSION OF AN ITEM, IN DISTINCTION FROM LENGTH OR WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABNMJAA0.0015*; ABNMJLA0.1*; ABNMJAB0.0010$$JAC0.0020*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

CPPG D INTERVAL LINE/THICKNESS MARKINGS

Definition: AN INDICATION OF WHETHER OR NOT INTERVAL LINES AND/OR THICKNESS MARKINGS ARE INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CPPGDB*; CPPGDB$DC*)

REPLY CODE	REPLY (AA49)

APP Key	MRC	Mode Code	Requirements
		B	INCLUDED
		C	NOT INCLUDED

ALL

ALFK D CASE

Definition: AN INDICATION OF WHETHER OR NOT A CONTAINER FROM WHICH THE ITEM IS COMPLETELY REMOVABLE IS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALFKDB*; ALFKDB$DC*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

ALL*

CBBL D FEATURES PROVIDED

Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBBLDBKW*)

REPLY CODE	REPLY (AN47)
CSQ	DEMAGNETIZED
BKW	NONMAGNETIC

SECTION: V

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED06269*)

ALL*			
	ABRY	J	LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF ANY OBJECT, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABRYJAA5.356*; ABRYJLA136.0*; ABRYJAB5.256$$JAC5.456*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL			
	ABMZ	J	DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF A CIRCULAR FIGURE OR BODY, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMZJAA0.375*; ABMZJLA9.5*; ABMZJAB0.275$$JAC0.475*)

APP Key	MRC	Mode Code	Requirements

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

AFYG D HANDLE

Definition: AN INDICATION OF WHETHER OR NOT THE ITEM IS FURNISHED WITH A HANDLE.

Reply Instructions: Enter the applicable Reply Code from the table below. If GRIPS are included, enter Reply Code F. (e.g., AFYGDF*; AFYGDF$DN*)

REPLY CODE	REPLY (AA55)
F	FURNISHED
N	NOT FURNISHED

ALL

BDBN G MARKINGS

Definition: AN INDICATION OF THE MARKINGS ON THE ITEM.

Reply Instructions: Enter the reply in clear text. (e.g., BDBNG1 IN. STD*; BDBNGHANDLE MARKED 5.356*)

ALL

AHEF D END SHAPE

Definition: THE PHYSICAL CONFIGURATION OF THE END(S) OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AHEFDAFC*; AHEFDAFC$DASC*)

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (AD07)
AFC	FLAT
ASC	SPHERICAL

ALL*

CBBL D FEATURES PROVIDED

Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBBLDBKW*)

REPLY CODE	REPLY (AN47)
CSQ	DEMAGNETIZED
BKW	NONMAGNETIC

SECTION: W

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED06271*)

ALL			
	MATL	D	MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH AN ITEM IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A, Table 1. (e.g., MATLDST0000*; MATLDST0000$DSTB000*; MATLDST0000$$DSTB000*)

ALL			
	ABMZ	J	DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF A CIRCULAR FIGURE OR BODY, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMZJAA0.072*; ABMZJLA1.8*; ABMZJAB0.071$$JAC0.073*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

APP Key	MRC	Mode Code	Requirements
ALL*			
	CNKB	A	QUANTITY PER SET

Definition: THE NUMBER OF ITEMS INCLUDED IN A SET.

Reply Instructions: Enter the quantity. (e.g., CNKBA3*)

ALL*

ANTN G SPECIFIC USE

Definition: THE REQUIRED PURPOSE OR APPLICATION FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the reply in clear text. (e.g., ANTNGFOR MEASURING PITCH DIAMETER OF 22 DIAMETRICAL PITCH INTERNAL GEARS*)

ALL*

CBBL D FEATURES PROVIDED

Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBBLDBKW*)

REPLY CODE	REPLY (AN47)
CSQ	DEMAGNETIZED
BKW	NONMAGNETIC

SECTION: X

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED09216*)

ALL			
	BDLS	D	MEASUREMENT SYSTEM

Definition: AN INDICATION OF THE MEASURING SYSTEM USED WITH THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BDLSDAD*)

REPLY CODE	REPLY (AM14)
AD	ENGLISH
AC	METRIC

ALL			
	THKS	J	THICKNESS

Definition: A MEASUREMENT OF THE SMALLEST DIMENSION OF AN ITEM, IN DISTINCTION FROM LENGTH OR WIDTH.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., THKSJA0.0015*; THKSJL0.1*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

ALL			
	ABRY	J	LENGTH

APP Key	MRC	Mode Code	Requirements

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF ANY OBJECT, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABRYJAA2.250*; ABRYJLA57.1*; ABRYJAB2.150$$JAC2.350*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

SHPE D SHAPE

Definition: THE PHYSICAL CONFIGURATION OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., SHPEDATG*; SHPEDATG$DAWS*)

REPLY CODE	REPLY (AD07)
ATG	STRAIGHT
AWS	TAPERED

NOTE FOR MRC ABGL: IF REPLY CODE ATG IS ENTERED FOR MRC SHPE, REPLY TO MRC ABGL.

ALL* (See Note Above)

ABGL J WIDTH

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABGLJAA0.500*; ABGLJLA12.7*; ABGLJAB0.400$$JAC0.600*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

NOTE FOR MRCS ASFX AND CPQP: IF REPLY CODE AWS IS ENTERED FOR MRC SHPE, REPLY TO MRCS ASFX AND CPQP.

ALL* (See Note Above)

ASFX J TIP WIDTH

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF A TIP, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ASFXJAA0.750*; ASFXJLA19.0*; ASFXJAB0.650$$JAC0.850*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL* (See Note Preceding MRC ASFX)

CPQP J HEEL WIDTH

APP Key	MRC	Mode Code	Requirements

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF THE HEEL, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., CPQPJAA0.250*; CPQPJLA6.3*; CPQPJAB0.150$$JAC0.350*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

CPQQ D END HOLE

Definition: AN INDICATION OF WHETHER OR NOT AN END HOLE(S) IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CPQQDB*; CPQQDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

ALL

AXPT H END SHAPE AND LOCATION

Definition: THE PHYSICAL CONFIGURATION OF THE END(S) AND ITS LOCATION ON THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below. (e.g., AXPTHRDAHH*; AXPTHRDAHJ$$HZRALP*; AXPTHRDAHJ$HRDALP*)

APP Key	MRC	Mode Code	Requirements

Table 1

REPLY CODE	REPLY (AD07)
RD	ROUND
EB	SLOTTED
SQ	SQUARE
ZR	SQUARE W/CHAMFERED CORNERS

Table 2

REPLY CODE	REPLY (AJ91)
AHH	BOTH ENDS
AHJ	FIRST END
ALP	SECOND END

ALL

AETA D HOLDER

Definition: AN INDICATION OF WHETHER OR NOT A HOLDER IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AETADB*; AETADB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

ALL*

CBBL D FEATURES PROVIDED

Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBBLDBKW*)

REPLY CODE	REPLY (AN47)

FIIG T
Section Parts

APP Key	MRC	Mode Code	Requirements
		CSQ	DEMAGNETIZED
		BKW	NONMAGNETIC

SECTION: Y

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED11403*)

ALL			
	BDLS	D	MEASUREMENT SYSTEM

Definition: AN INDICATION OF THE MEASURING SYSTEM USED WITH THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BDLSDAD*)

REPLY CODE	REPLY (AM14)
AD	ENGLISH
AC	METRIC

ALL			
	BHMW	J	MEASUREMENT RANGE

Definition: THE MINIMUM TO MAXIMUM VALUE WHICH THE ITEM IS CAPABLE OF MEASURING.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric values separated by a slash. Precede all values with a P. (e.g., BHMWJAWP0.000/P1.000*; BHMWJDGP0.0/P25.4*)

REPLY CODE	REPLY (AJ20)
AW	INCHES
DG	MILLIMETERS

ALL

APP Key	MRC	Mode Code	Requirements
	CPTZ	D	SMALLEST GRADUATION UNIT

Definition: THE SMALLEST INCREMENT OF MEASURE ON THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CPTZDAHD*)

REPLY CODE	REPLY (AK09)
AHC	HUNDREDTHS OF A MILLIMETER
AHD	TEN-THOUSANDTHS OF AN INCH
AHN	THOUSANDTHS OF A MILLIMETER
AHE	THOUSANDTHS OF AN INCH

ALL

	CPQW	J	SPINDLE PROJECTION LENGTH AT ZERO MICROMETER SETTING

Definition: THE LENGTH OF THE SPINDLE PROJECTION WITH THE MICROMETER SET AT ZERO.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., CPQWJAA1.250*; CPQWJLA31.8*; CPQWJAB1.150$$JAC1.350*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

	BMCF	J	CLAMPING SURFACE LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF A CLAMPING SURFACE, IN DISTINCTION FROM WIDTH.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BMCFJAA0.375*; BMCFJLA9.5*; BMCFJAB0.275$$JAC0.475*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

CPQR J CLAMPING SURFACE DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF A CIRCULAR CLAMPING SURFACE, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., CPQRJAA0.375*; CPQRJLA9.5*; CPQRJAB0.200$$JAC0.550*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

AMDA D LOCKING DEVICE

APP Key	MRC	Mode Code	Requirements

Definition: AN INDICATION OF WHETHER OR NOT A LOCKING DEVICE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AMDADB*; AMDADB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

ALL

CNJT D RATCHET STOP

Definition: AN INDICATION OF WHETHER OR NOT A RATCHET STOP IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CNJTDB*; CNJTDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

ALL

CPMY D STAINLESS STEEL MATERIAL

Definition: AN INDICATION OF WHETHER OR NOT STAINLESS STEEL MATERIAL IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CPMYDB*; CPMYDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

ALL

CPQT D PLATED FINISH

APP
Key MRC Mode Code Requirements

Definition: AN INDICATION OF WHETHER OR NOT A PLATED FINISH IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CPQTDB*; CPQTDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

NOTE FOR MRC CPQS: REPLY TO THIS MRC IF REPLY CODE B IS ENTERED FOR MRC CPQT.

ALL* (See Note Above)

CPQS D PLATING MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE PLATING IS FABRICATED.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., CPQSDCH0000*; CPQSDCH0000$$DNF0000*; CPQSDCH0000$DNF0000*)

ALL*

CBBL D FEATURES PROVIDED

Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (CBBLDCSQ*)

REPLY CODE	REPLY (AN47)
DRU	CARBIDE TIPPED JAWS
CSQ	DEMAGNETIZED
DRW	HARDENED MICROMETER SPINDLE
BKW	NONMAGNETIC

ALL*

AKYD G ACCESSORY COMPONENTS AND QUANTITY

APP Key	MRC	Mode Code	Requirements

Definition: THE NAME AND NUMBER OF PARTS SUPPLIED WITH THE ITEM WHICH MAY BE REQUIRED FOR APPLICATION.

Reply Instructions: Enter the reply in clear text. (e.g., AKYDG1 ADJUSTING WRENCH*)

ALL*

AJKF D CONTAINER TYPE

Definition: INDICATES THE TYPE OF CONTAINER PROVIDED, SUCH AS BOX, CAN, CRATE, CHEST, AND THE LIKE, EXCLUDING OUTSIDE PACKAGING MATERIAL.

Reply Instructions: Enter the Reply Code from the table below. (e.g., AJKFDAN*; AJKFDAN$DAC*)

REPLY CODE	REPLY (AF72)
AN	CASE
AC	CHEST

SECTION: Z

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED06275*)

ZA

CPWG	J	MEASUREMENT CAPACITY

Definition: THE VALUE WHICH THE ITEM IS CAPABLE OF MEASURING.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., CPWGJAW1.000*; CPWGJDG25.4*)

REPLY CODE	REPLY (AJ20)
AW	INCHES
DG	MILLIMETERS

ZA

ANBJ	J	GRADUATION UNIT

Definition: THE INCREMENT OF MEASURE REPRESENTED BY THE MARKING(S) ON THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., ANBJJAAG0.00005*; ANBJJABC0.1*)

REPLY CODE	REPLY (AJ40)
AAG	INCHES
ABC	MILLIMETERS

ZA

ASSQ	G	DIAL MARKING

Definition: AN INDICATION OF THE MARKING(S) ON THE DIAL.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the reply in clear text.

(e.g., ASSQG0-10-0*)

ZA

ATGR D DIAL TYPE

Definition: INDICATES THE TYPE OF DIAL PROVIDED

Reply Instructions: Enter the applicable Reply Code from the table below. (e. g., ATGRDBA; ATGRDBA$DBB*)

REPLY CODE	REPLY (AM15)
BA	BALANCED
BB	CONTINUOUS

ZA

ADAV J OVERALL DIAMETER

Definition: A MEASUREMENT OF THE LONGEST STRAIGHT LINE ACROSS A CIRCULAR CROSS-SECTIONAL PLANE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value, including the bezel, excluding knobs or protrusions. (e.g., ADAVJAA2.250*; ADAVJLA63.5*; ADAVJAB2.200$$JAC2.300*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ZA

CPQX D DIAL SETTING TYPE

APP Key	MRC	Mode Code	Requirements

Definition: INDICATES THE TYPE OF DIAL SETTING PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CPQXDANW*; CPQXDAMT$DANW*)

REPLY CODE	REPLY (AK54)
AMT	ADJUSTABLE
ANW	FIXED

ZB

CZHA D CONTACT POINT MATERIAL

Definition: THE ELEMENT, COMPOUND OR MIXTURE OF WHICH THE CONTACT POINT IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., CZHADST0000*; CZHADST0000$$DFE0000*; CZHADST0000$DFE0000*)

ZA

CPQY D CONTACT POINT LOCATION

Definition: INDICATES THE LOCATION OF THE CONTACT POINT(S).

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 3. (e.g., CPQYDAAZ*; CPQYDAAZ$DDEA*)

ZA

ADER L MOUNTING STYLE

Definition: THE STYLE DESIGNATION INDICATING THE CONFIGURATION THAT MOST NEARLY CORRESPONDS TO THE APPEARANCE OF THE MOUNTING.

Reply Instructions: Enter the applicable group designator and style number from Appendix B , Reference Drawing Group A. (e.g., ADERLA1*)

ZB

CDRX G THREAD CHARACTERISTICS

APP Key	MRC	Mode Code	Requirements

Definition: AN INDICATION OF THE CHARACTERISTICS OF THE THREAD.

Reply Instructions: Enter the reply in clear text. (e.g., CDRXGFINE AND 0.250 IN. DIAMETER*)

ZA

CPQZ D CONTACT POINT ACTION TYPE

Definition: INDICATES THE TYPE OF CONTACT POINT(S) ACTION.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CPQZDBPY*; CPQZDBPW$DBPY*)

REPLY CODE	REPLY (AK95)
BPW	FIXED
AHW	PLUNGER
BPY	SWIVEL

ALL

CPRB L CONTACT POINT STYLE DESIGNATOR

Definition: THE STYLE DESIGNATION INDICATING THE CONFIGURATION THAT MOST NEARLY CORRESPONDS TO THE APPEARANCE OF THE CONTACT POINT(S).

Reply Instructions: Enter the applicable stype designator from Appendix B , Reference Drawing Group B. (e.g., CPRBL1*)

NOTE: FOR MRC AAUY: IF STYLE NUMBER 2, 4, 5, 6, 8, OR 10 IS ENTERED FOR MRC CPRB, REPLY TO MRC AAUY.

ALL* (See Note Above)

AAUY J POINT LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF THE POINT, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AAUYJAA1.250*; AAUYJLA31.8*; AAUYJAB1.150$$JAC1.350*)

APP Key	MRC	Mode Code	Requirements

See Appendix B, Reference Drawing Group B, to determine the location at which the measurement is taken.

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

NOTE FOR MRC AAVA: IF STYLE NUMBER 3, 7, OR 9 IS ENTERED FOR MRC CPRB, REPLY TO MRC AAVA.

ALL* (See Note Above)

AAVA J POINT DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF A CIRCULAR POINT, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AAVAJAA0.500*; AAVAJLA10.0*; AAVAJAB0.490$$JAC0.510*)

See Appendix B, Reference Drawing Group B, to determine the location at which the measurement is taken.

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

APP Key	MRC	Mode Code	Requirements

ZA*

BYDT D BEARING TYPE

Definition: INDICATES THE TYPE OF BEARING PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BYDTDAZ*; BYDTDAZ$DAB*)

REPLY CODE	REPLY (AH96)
AZ	JEWEL
AB	PLAIN

ZA

CPRC D CUSHIONED MOVEMENT FEATURE

Definition: AN INDICATION OF WHETHER OR NOT A CUSHIONED MOVEMENT FEATURE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CPRCDB*; CPRCDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

ZA

CPRD D LIFTING LEVER

Definition: AN INDICATION OF WHETHER OR NOT A LIFTING LEVER IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CPRDDB*; CPRDDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

APP Key	MRC	Mode Code	Requirements

ZA

CPMK D TELL-TALE HAND

Definition: AN INDICATION OF WHETHER OR NOT A TELL-TALE HAND IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CPMKDB*; CPMKDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

ZA*

AKYD G ACCESSORY COMPONENTS AND QUANTITY

Definition: THE NAME AND NUMBER OF PARTS SUPPLIED WITH THE ITEM WHICH MAY BE REQUIRED FOR APPLICATION.

Reply Instructions: Enter the reply in clear text. (e.g., AKYDGTOOL POST HOLDER, 1*; AKYDGTOOL POST HOLDER, 1;WRENCH, 1*)

ALL*

CBBL D FEATURES PROVIDED

Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBBLDBKW*)

REPLY CODE	REPLY (AN47)
CSQ	DEMAGNETIZED
BKW	NONMAGNETIC

SECTION: STANDARD

APP Key	MRC	Mode Code	Requirements
ALL*			
	FEAT	G	SPECIAL FEATURES

Definition: THOSE UNUSUAL OR UNIQUE CHARACTERISTICS OR QUALITIES OF AN ITEM NOT COVERED IN THE OTHER REQUIREMENTS AND WHICH ARE DETERMINED TO BE ESSENTIAL FOR IDENTIFICATION.

Reply Instructions: Enter the reply in clear text. Separate multiple replies with a semicolon. (e.g., FEATGADJUSTABLE NOSE CLIP*; FEATGADJUSTABLE NOSE PIECE; DISPOSABLE*)

ALL*			
	TEST	J	TEST DATA DOCUMENT

Definition: THE SPECIFICATION, STANDARD, DRAWING, OR SIMILAR INSTRUMENT THAT SPECIFIES ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS OR TEST CONDITIONS UNDER WHICH AN ITEM IS TESTED AND ESTABLISHES ACCEPTABLE LIMITS WITHIN WHICH THE ITEM MUST CONFORM IDENTIFIED BY AN ALPHABETIC AND/OR NUMERIC REFERENCE NUMBER. INCLUDES THE COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE OF THE ENTITY CONTROLLING THE INSTRUMENT.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the 5-position CAGE Code, a dash, and the document identification number.

(e.g., TESTJA12345-CWX654321*;

TESTJA1234A-654321$$JB5556A-663654*;

TESTJAA2345-654321$JB55566-663654*)

REPLY CODE	REPLY (AC28)
A	SPECIFICATION (Includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical," "average," "nominal," etc.)
B	STANDARD (Includes industry or association standards, individual manufacturer standards, etc.)

APP Key	MRC	Mode Code	Requirements
		C	DRAWING (This is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard, or other document that may be referenced in a basic governing drawing)

ALL*

SPCL G SPECIAL TEST FEATURES

Definition: TEST CONDITIONS AND RATINGS, OR ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS THAT ARE DIFFERENT, MORE CRITICAL, OR MORE SPECIFIC THAN THOSE SPECIFIED IN A GOVERNING TEST DATA DOCUMENT.

Reply Instructions: Enter the reply in clear text. (e.g., SPCLGSELECTED AND TESTED FOR NAVIGATIONAL SYSTEMS*)

ALL*

ZZZK J SPECIFICATION/STANDARD DATA

Definition: THE DOCUMENT DESIGNATOR OF THE SPECIFICATION OR STANDARD WHICH ESTABLISHED THE ITEM OF SUPPLY.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the Commercial and Government Entity (CAGE) Code of the entity controlling the document, a dash, and the document designator. The agency that controls the limited coordination document must be preceded and followed by a slash following the designator. The word canceled or superseded must be preceded and followed by a slash for the designator. Professional and industrial association specifications/standards are differentiated from a manufacturer's specification in that the data has been coordinated and published by the professional and industrial association. Include amendments and revisions where applicable.

(e.g., ZZZKJT81337-30642B*;

ZZZKJS81349-MIL-D-180 REV1/CANCELED/*;

ZZZKJP80205-NAS1103*;

ZZZKJS81349-MIL-C-1140C/CE/*;

ZZZKJT81337-30642B$$JP80205-NAS1103*)

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (AN62)
S	GOVERNMENT SPECIFICATION
T	GOVERNMENT STANDARD
D	MANUFACTURERS SOURCE CONTROL
R	MANUFACTURERS SPECIFICATION
N	MANUFACTURERS SPECIFICATION CONTROL
M	MANUFACTURERS STANDARD
B	NATIONAL STD/SPEC
A	PROFESSIONAL/INDUSTRIAL ASSOCIATION SPECIFICATION
P	PROFESSIONAL/INDUSTRIAL ASSOCIATION STANDARD

NOTE FOR MRC ZZZT: IF THE SPECIFICIATION/STANDARD CITED IN REPLY TO MRC ZZZK IS NONDEFINITIVE, REPLY TO MRC ZZZT. THIS REPLY IS THE DATA WHICH IS NOT RECORDED IN SEGMENT C.

ALL* (See Note Above)

ZZZT J NONDEFINITIVE SPEC/STD DATA

Definition: THE NUMBER, LETTER, OR SYMBOL THAT INDICATES THE TYPE, STYLE, GRADE, CLASS, AND THE LIKE, OF AN ITEM IN A NONIDENTIFYING SPECIFICATION OR STANDARD.

Reply Instructions: Enter the applicable Reply Code from Appendix A, Table 5, followed by the appropriate number, letter, or symbol. (e.g., ZZZTJTY1*; ZZZTJTY1$$JSTA*; ZZZTJTY1$JSTA*)

ALL*

ZZZW G DEPARTURE FROM CITED DOCUMENT

Definition: THE TECHNICAL DIFFERENTIATING CHARACTERISTIC(S) OF AN ITEM OF SUPPLY WHICH DEPART(S) FROM THE TEXT OF A SPECIFICATION OR A STANDARD IN THAT IT REPRESENTS A SELECTION OF CHARACTERISTICS STATED IN THE SPECIFICATION OR STANDARD AS BEING OPTIONAL, OR A VARIATION FROM ONE OR MORE OF THE STATED CHARACTERISTICS, OR AN ADDITIONAL CHARACTERISTIC NOT STATED IN THE SPECIFICATION OR STANDARD.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZWGAS MODIFIED BY MATERIAL*)

APP Key	MRC	Mode Code	Requirements
ALL*			
	ZZZX	G	DEPARTURE FROM CITED DESIGNATOR
			Definition: THE VARIATION WHEN THE ITEM IS IN CONFORMITY WITH A TYPE DESIGNATOR COVERED BY A SPECIFICATION OR STANDARD, EXCEPT IN REGARD TO ONE OR MORE TECHNICAL DIFFERENTIATING CHARACTERISTICS.
			Reply Instructions: Enter the reply in clear text. (e.g., ZZZXGAS MODIFIED BY MATERIAL*)
ALL*			
	ZZZY	G	REFERENCE NUMBER DIFFERENTIATING CHARACTERISTICS
			Definition: A FEATURE OF THE ITEM OF SUPPLY WHICH MUST BE SPECIFICALLY RECORDED WHEN THE REFERENCE NUMBER COVERS A RANGE OF ITEMS.
			Reply Instructions: Enter the reply in clear text. (e.g., ZZZYGCOLOR CODED LEADS*; ZZZYGAS DIFFERENTIATED BY MATERIAL*)
ALL*			
	CRTL	A	CRITICALITY CODE JUSTIFICATION
			Definition: THE MASTER REQUIREMENT CODES OF THOSE REQUIREMENTS WHICH ARE TECHNICALLY CRITICAL BY REASON OF TOLERANCE, FIT, PERFORMANCE, OR OTHER CHARACTERISTICS WHICH AFFECT IDENTIFICATION OF THE ITEM.
			Reply Instructions: Enter the Master Requirement Code for the requirement, the reply to which renders the item as being critical. (e.g., CRTLAMATL*; CRTLAMATL$$ASURF*)
			Reply to this requirement only if the header record for the item identification for the item being identified has been coded as critical.
NOTE FOR MRC PRPY: IF DOCUMENT AVAILABILITY CODE B, D, F, OR H, REPLY TO MRC PRPY.			
ALL* (See Note Above)			

APP Key	MRC	Mode Code	Requirements
	PRPY	A	PROPRIETARY CHARACTERISTICS

Definition: IDENTIFICATION OF THOSE CHARACTERISTICS INCLUDED IN THE DESCRIPTION FOR WHICH A NON-GOVERNMENT ACTIVITY HAS IDENTIFIED ALL OR SELECTED CHARACTERISTICS OF THE ITEM AS BEING PROPRIETARY AND THEREFORE RESTRICTED FROM RELEASE OUTSIDE THE GOVERNMENT WITHOUT PRIOR PERMISSION OF THE ORIGINATOR OF THE DATA.

Reply Instructions: Enter the MRC codes of the individual characteristics of the description which are marked proprietary on the technical data, using AND coding ($$) for multiple characteristics. If all the MRCs are proprietary, enter the reply PACS. If none of the MRCs is proprietary, enter the reply NPAC. (e.g., PRPYAPACS*; PRPYANPAC*; PRPYAMATL$$ASURF*)

ALL*

	ELRN	G	EXTRA LONG REFERENCE NUMBER

Definition: A REFERENCE NUMBER EXCEEDING 32 POSITIONS.

Reply Instructions: Enter the entire reference number. Do not include the 5-position Commercial and Government Entity (CAGE) Code unless there is more than one extra long reference number on the NSN, (e.g., ELRNGANN112036BIL060557LEN313605UZ62365*).

If there is more than one extra long reference number on the NSN, include the CAGE or NCAGE and separate each reference by using the "&" character, (e.g., 28480 ANN112036BIL060557LEN313605UZ62365 & S1234 NN112036BIL060557LEN313605UZ62365).

In determining quantity of characters in the reference number, count will be made after modification in accordance with Volume 2, Chapter 9, FLIS Procedures Manual, DoD 4100.39-M.

ALL*

	ELCD	D	EXTRA LONG CHARACTERISTIC DESCRIPTION

Definition: A DESCRIPTION THAT EXCEEDS 5000 CHARACTERS.

Reply Instructions: Enter the Reply Code from the table below. (e.g., ELCDDA*)

REPLY CODE	REPLY (AN58)

FIIG T
Section Parts

APP Key	MRC	Mode Code	Requirements
		A	ADDITIONAL DESCRIPTIVE DATA ON MANUAL RECORD

SECTION: SUPPTECH

APP Key	MRC	Mode Code	Requirements
ALL			
	AFJK	J	CUBIC MEASURE

Definition: A MEASUREMENT OF VOLUME TAKEN BY MULTIPLYING THE LENGTH BY THE WIDTH BY THE HEIGHT OF AN ITEM AND RENDERED IN CUBIC UNITS.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AFJKJF1.0219*; AFJKJE0.1*)

REPLY CODE	REPLY (AD42)
F	CUBIC FEET
E	CUBIC METERS

ALL

	AGAV	G	END ITEM IDENTIFICATION

Definition: THE NATIONAL STOCK NUMBER OR THE IDENTIFICATION INFORMATION OF THE END EQUIPMENT FOR WHICH THE ITEM IS A PART.

Reply Instructions: Enter the reply in clear text.

(e.g., AGAVG3930-00-000-0000*;

AGAVGFORKLIFT TRUCK, SMITH CORPORATION, MODEL 12, TYPE A*)

ALL

	PRMT	D	PRECIOUS MATERIAL

Definition: IDENTIFICATION OF THE PRECIOUS MATERIAL CONTAINED IN THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., PRMTDAGA000*; PRMTDAUA000$$DAGA000*; PRMTDAUA000$DAGA000*)

REPLY CODE	REPLY (MA01)
AUA000	GOLD
IRA000	IRIDIUM
AZA000	OSMIUM
PDA000	PALLADIUM

APP Key	MRC	Mode Code	Requirements
		PTA000	PLATINUM
		RHA000	RHODIUM
		RTA000	RUTHENIUM
		AGA000	SILVER

ALL

PMWT J PRECIOUS MATERIAL AND WEIGHT

Definition: AN INDICATION OF THE PRECIOUS MATERIAL CONTAINED IN THE ITEM, AND THE AMOUNT PER A MEASUREMENT SCALE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. Enter the multiple replies in Table 1 sequence. (e.g., PMWTJPTA000R0.780*; PMWTJAUA000F0.500$$JAGA000R0.780*)

Table 1

REPLY CODE	REPLY (MA01)
AUA000	GOLD
IRA000	IRIDIUM
AZA000	OSMIUM
PDA000	PALLADIUM
PTA000	PLATINUM
RHA000	RHODIUM
RTA000	RUTHENIUM
AGA000	SILVER

Table 2

REPLY CODE	REPLY (AG14)
E	GRAINS, TROY
R	GRAMS
F	OUNCES, TROY

ALL

PMLC J PRECIOUS MATERIAL AND LOCATION

Definition: AN INDICATION OF THE PRECIOUS MATERIAL AND ITS LOCATION IN THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the location in clear text. (e.g., PMLCJAUA000TERMINALS*; PMLCJAUA000TERMINALS$$JAGA000INTERNAL SURFACES*; PMLCJAUA000TERMINALS$JAGA000INTERNAL SURFACES*)

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (MA01)
AUA000	GOLD
IRA000	IRIDIUM
AZA000	OSMIUM
PDA000	PALLADIUM
PTA000	PLATINUM
RHA000	RHODIUM
RTA000	RUTHENIUM
AGA000	SILVER

ALL

SUPP G SUPPLEMENTARY FEATURES

Definition: CHARACTERISTICS OR QUALITIES OF AN ITEM, NOT COVERED IN ANY OTHER REQUIREMENT, WHICH ARE CONSIDERED ESSENTIAL INFORMATION FOR ONE OR MORE FUNCTIONS EXCLUDING NSN ASSIGNMENT.

Reply Instructions: Enter the reply in clear text. (e.g., SUPPGMAY INCL HOLE IN UPPER SUPPORT FOR MTG DURING SHIPMENT*)

ALL

FCLS A FUNCTIONAL CLASSIFICATION

Definition: THE ALPHA-NUMERIC DESIGNATION THAT IDENTIFIES THE CLASSIFICATION OF THE ITEM ACCORDING TO THE CATEGORY OF FUNCTIONS PERFORMED.

Reply Instructions: Enter the reply from the applicable document.

(e.g., FCLSAHH-1.5*)

ALL

FTLD G FUNCTIONAL DESCRIPTION

Definition: DESCRIBES THE CAPABILITIES, INTENDED USE, AND/OR PURPOSE FOR WHICH THE ITEM IS PROVIDED.

Reply Instructions: Enter description of function as concisely as possible. (e.g., FTLDGUSED TO INSTALL/REMOVE ENGINE NACELLE*)

APP Key	MRC	Mode Code	Requirements
ALL			
	TMDN	A	TYPE/MODEL DESIGNATION
	Definition: THE ALPHA-NUMERIC-ALPHA DESIGNATION USED TO IDENTIFY THE TYPE AND/OR MODEL OF THE BASIC ITEM.		
	Reply Instructions: Enter the appropriate designation data.		
	(e.g., TMDNAMSV-615/M*)		
ALL			
	RTSE	G	RELATIONSHIP TO SIMILAR EQUIPMENT
	Definition: INDICATES THE RELATIONSHIP, SUCH AS CONSTRUCTION, CAPABILITIES, AND THE LIKE, OF THE ITEM TO A SIMILAR ITEM.		
	Reply Instructions: Enter concise statement for similar item including name and identifying data.		
	(e.g., RTSEGSIMILAR TO LOCKHEED OVERWING ENGINE HOIST P/N 61521-58*)		
ALL			
	RDAL	G	REFERENCE DATA AND LITERATURE
	Definition: LITERATURE AND REFERENCES AVAILABLE FOR INFORMATION PERTAINING TO THE ITEM.		
	Reply Instructions: Enter data appropriate and in a concise manner to identify informational references covering the item.		
	(e.g., RDALGNAAVAIROIA/VFK58 A-2.2.9*)		
ALL			
	NTRD	A	ENTRY DATE
	Definition: INDICATE THE DATE THE ITEM WAS ENTERED INTO MIL-HDBK-300.		
	Reply Instructions: Enter the date structured in three hyphenated 2 position segments to indicate the last 2 digits of the calendar year, month, and day.		

APP Key	MRC	Mode Code	Requirements
	(e.g., NTRDA80-05-28*)		
ALL			
	ZZZP	J	PURCHASE DESCRIPTION IDENTIFICATION
	Definition: THE CONTROLLING ACTIVITY AND IDENTIFICATION OF A DOCUMENT USED IN LIEU OF A SPECIFICATION IN THE PROCUREMENT OF AN ITEM OF SUPPLY.		
	Reply Instructions: Enter the 5-position Commercial and Government Entity (CAGE) Code, followed by a dash and the identifying number of the document.		
	(e.g., ZZZPJ81A37-30624A*)		
ALL			
	ZZZV	G	FSC APPLICATION DATA
	Definition: THE JUSTIFICATION FOR THE ASSIGNMENT OF A FEDERAL SUPPLY CLASS (FSC) TO AN ITEM BASED ON THE CLASSIFICATION OF THE NEXT HIGHER CLASSIFIABLE ASSEMBLY.		
	Reply Instructions: Enter the name of the next higher classifiable assembly in clear text. (e.g., ZZZVGFUEL SYSTEM, GASOLINE, NONAIRCRAFT*)		
ALL			
	CXCY	G	PART NAME ASSIGNED BY CONTROLLING AGENCY
	Definition: THE NAME ASSIGNED TO THE ITEM BY THE GOVERNMENT AGENCY OR COMMERCIAL ORGANIZATION CONTROLLING THE DESIGN OF THE ITEM.		
	Reply Instructions: Enter the reply in clear text. (e.g., CXCYGLINE PROCESSOR CONTROL BOARD*)		

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Reply Tables

Table 1 - MATERIALS

MATERIALS

REPLY CODE	REPLY (AD09)
ALC000	ALUMINUM
A	ANY ACCEPTABLE
BR0000	BRASS
CD0000	CADMIUM
KA0000	CARBIDE
CH0000	CHROME
	Chromium Plated (use Reply Code CH0000)
CFA000	CORD, COTTON
CFJ000	CORD, LINEN
CCAAE0	COTTON, WOVEN
FB0000	FIBER
FBAAK0	FIBER, NONMETALLIC, WOVEN
FBN000	FIBER, SYNTHETIC
FBAAJ0	FIBER, SYNTHETIC, WOVEN
FG0000	FIBERGLASS
GSM000	GLASS FIBER
GSAABL	GLASS FIBER WITH ZIGZAG THREAD
GSAABK	GLASS FIBER, WOVEN
WDAE00	HARDWOOD
FE0000	IRON
FEA000	IRON, CAST
LN0000	LINEN
LNB000	LINEN, WOVEN
ME0000	METAL
MEAS00	METALLIC, WOVEN
NF0000	NICKEL
NFT000	NICKEL STEEL
PC0000	PLASTIC
RH0000	RHODIUM
SKH000	RUBY
CHD000	SATIN CHROME
AG0000	SILVER
ST0000	STEEL
STB000	STEEL, CORROSION RESISTING
STAAAW	STEEL, DROP-FORGED
STAD00	STEEL, FORGED
STF000	STEEL, SPRING
STAACH	STEEL, SPRING, STAINLESS
STD000	STEEL, STAINLESS
TL0000	TOOL STEEL
TNA000	TUNGSTEN CARBIDE
WE0000	WIRE
WD0000	WOOD

REPLY CODE	REPLY (AD09)
WDF000	WOOD, BIRCH
WDA000	WOOD, MAPLE
WDAAF0	WOOD, ROSEWOOD

Table 2 - SURFACE TREATMENTS

SURFACE TREATMENTS

REPLY CODE	REPLY (AD09)
A	ANY ACCEPTABLE
BA0000	BLACK OXIDE
BL0000	BLUED
KHB000	CHLORIDE-ACETATE COPOLYMER
	Chrome Plated (use Reply Code CRA000)
CRA000	CHROMIUM PLATED
EN0000	ENAMEL
	Enamel, White (use Reply Code EN0000)
GB0000	GALVANIZED
LQ0000	LACQUER
NFG000	NICKEL PLATED
PNG000	PAINT
PS0000	PASSIVATED
PC0000	PLASTIC
PCBH00	PLASTIC-COATED
PCGW00	PLASTIC-SHEATHED
FNE000	POLISHED
TDA000	TINNED
MEG000	WHITE METAL
ZNS000	ZINC COATED

Table 3 - CONTACT POINT LOCATIONS

CONTACT POINT LOCATIONS

REPLY CODE	REPLY (AJ91)
A	ANY ACCEPTABLE
AAZ	BACK
DEA	BODY EXTENDED END
DED	EXTENDED BODY SMALL END
DEB	EXTENDING BAR
DDZ	EXTENSION ARM END
DEC	EXTENSION ARM END EXTENSION
ABC	FRONT
DEE	INDICATOR CASING TAPERED END
APG	RIM
DPT	SHAFT ENTENDED END
ACZ	SIDE
ALC	STEM

Table 4 - STANDARD TYPES
STANDARD TYPES

REPLY CODE	REPLY (AM64)
A	ANY ACCEPTABLE
ABF	AS
ABK	ASME
ABL	AWG
ABM	BIRMINGHAM
ABN	ENGLISH
ACG	GERMAN
ABP	IMPERIAL
ABQ	MUSIC
ABR	SWISS PATTERN
ABS	US

Table 5 - NONDEFINITIVE SPEC/STD DATA
NONDEFINITIVE SPEC/STD DATA

REPLY CODE	REPLY (AD08)
AL	ALLOY
AN	ANNEX
AP	APPENDIX
AC	APPLICABILITY CLASS
AR	ARRANGEMENT
AS	ASSEMBLY
AB	ASSORTMENT
BX	BOX
CY	CAPACITY
CA	CASE
CT	CATEGORY
CL	CLASS
CE	CODE
CR	COLOR
CC	COMBINATION CODE
CN	COMPONENT
CP	COMPOSITION
CM	COMPOUND
CD	CONDITION
CS	CONSTRUCTION
DE	DESIGN
DG	DESIGNATOR
DW	DRAWING NUMBER
EG	EDGE
EN	END
FY	FAMILY

REPLY CODE	REPLY (AD08)
FG	FIGURE
FN	FINISH
FM	FORM
FA	FORMULA
GR	GRADE
GP	GROUP
BA	IMAGE COLOR
NS	INSERT
TM	ITEM
KD	KIND
KT	KIT
LG	LENGTH
LT	LIMIT
MK	MARK
AA	MARKER
ML	MATERIAL
BB	MAXIMUM DENSITY
MH	MESH
ME	METHOD
BC	MINIMUM DENSITY
MD	MODEL
MT	MOUNTING
NR	NUMBER
PT	PART
PN	PATTERN
PC	PHYSICAL CONDITION
PS	PIECE
PL	PLAN
PR	POINT
QA	QUALITY
RN	RANGE
RT	RATING
RF	REFERENCE NUMBER
SC	SCHEDULE
SB	SECTION
SL	SELECTION
SE	SERIES
SV	SERVICE
SX	SET
SA	SHADE
SH	SHAPE
SG	SHEET
SZ	SIZE
PZ	SPECIES
SQ	SPECIFICATION SHEET
SD	SPEED
ST	STYLE
SS	SUBCLASS

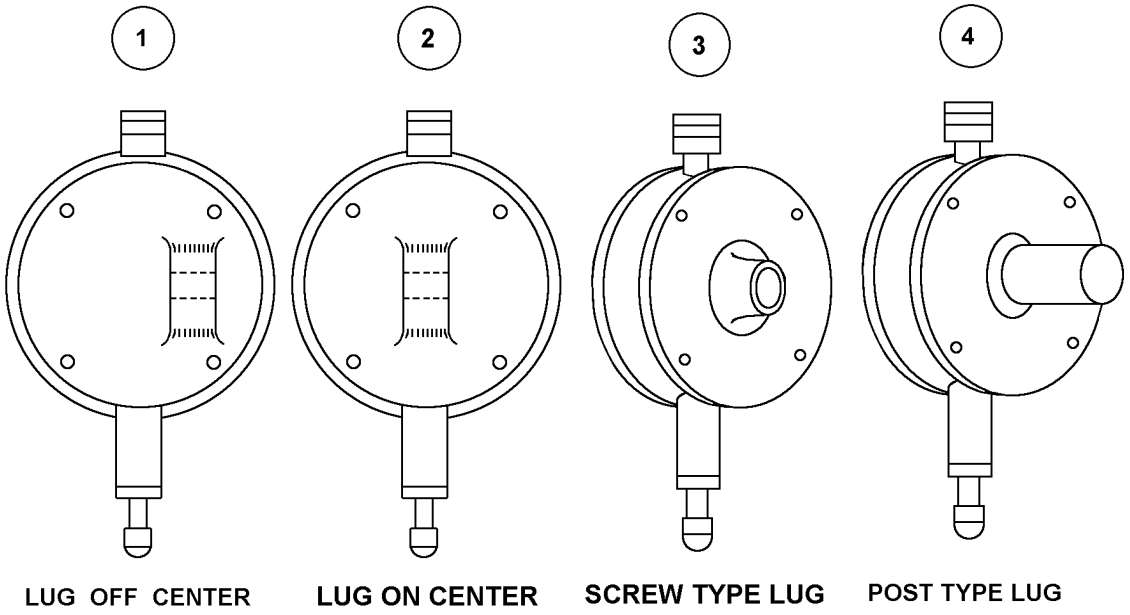
REPLY CODE	REPLY (AD08)
SF	SUBFORM
SP	SUBTYPE
SN	SURFACE CONDITION
SY	SYMBOL
SM	SYSTEM
TB	TABLE
TN	TANNAGE
TP	TEMPER
TX	TEXTURE
TK	THICKNESS
TT	TREATMENT
TR	TRIM
TY	TYPE
YN	UNIT
VA	VARIETY
WT	WEIGHT
WD	WIDTH

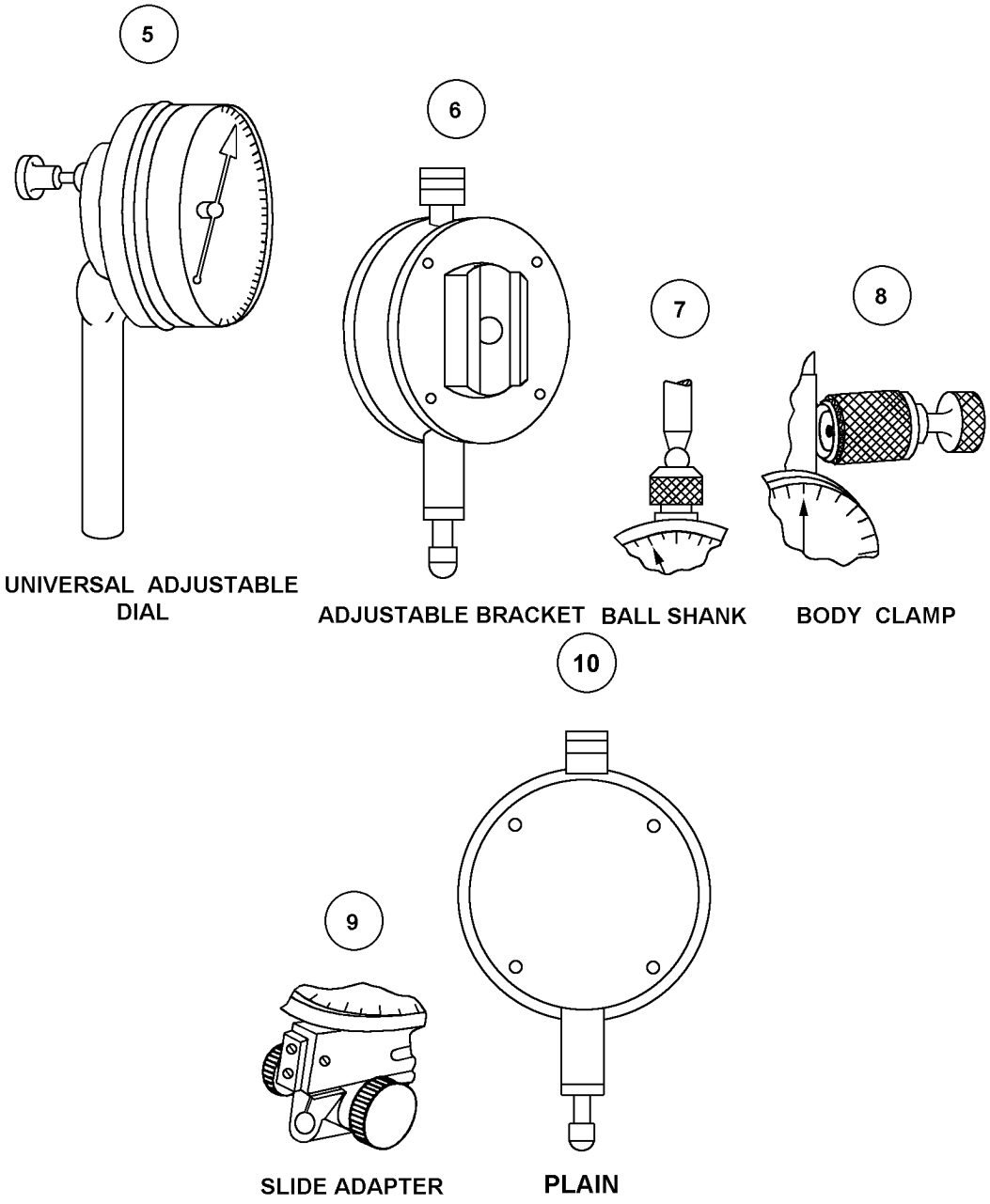
Reference Drawing Groups

REFERENCE DRAWING GROUP A

DIAL INDICATOR MOUNTING STYLES

(No Requirements)

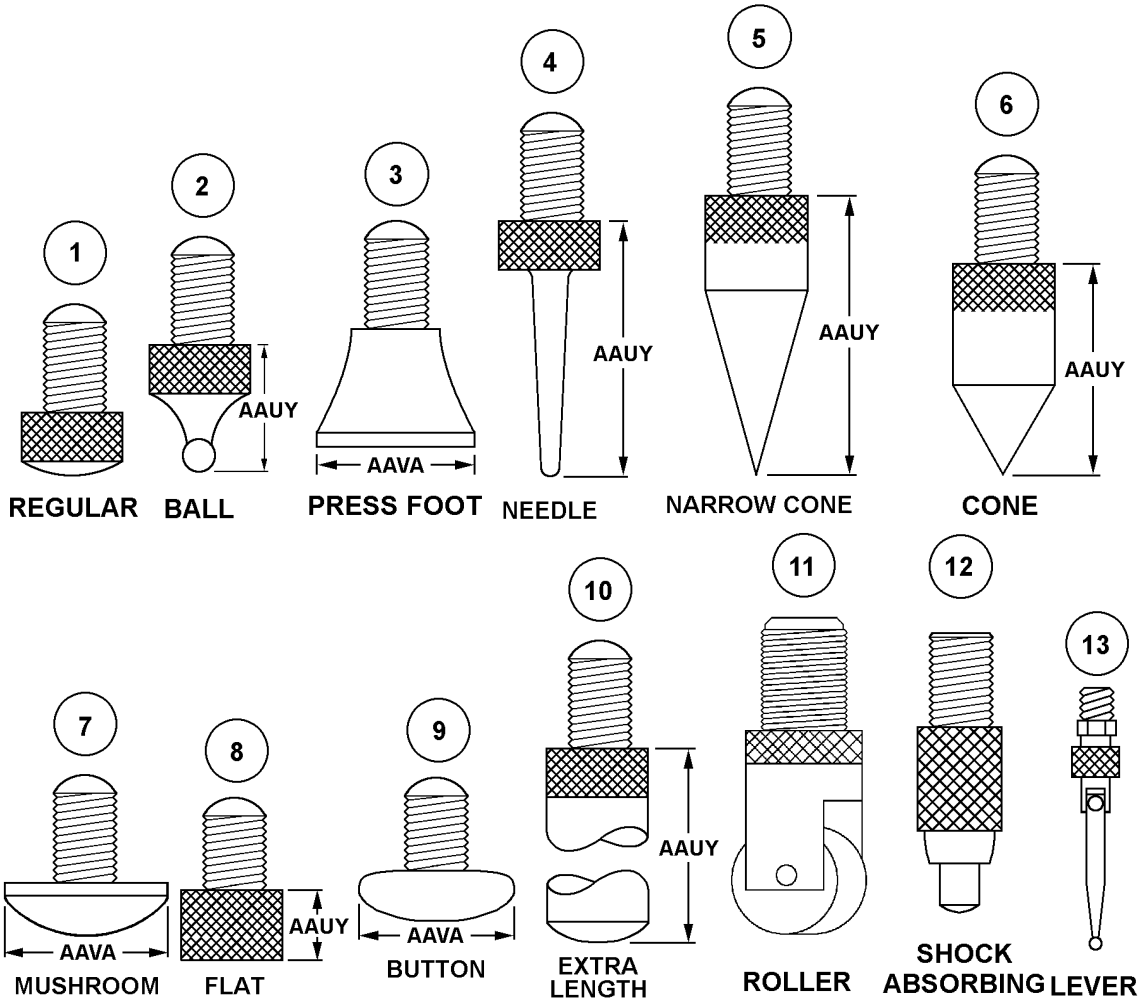



5
6
7
8
UNIVERSAL ADJUSTABLE DIAL
ADJUSTABLE BRACKET
BALL SHANK
BODY CLAMP
10
9
SLIDE ADAPTER
PLAIN

REFERENCE DRAWING GROUP B

CONTACT POINT STYLES

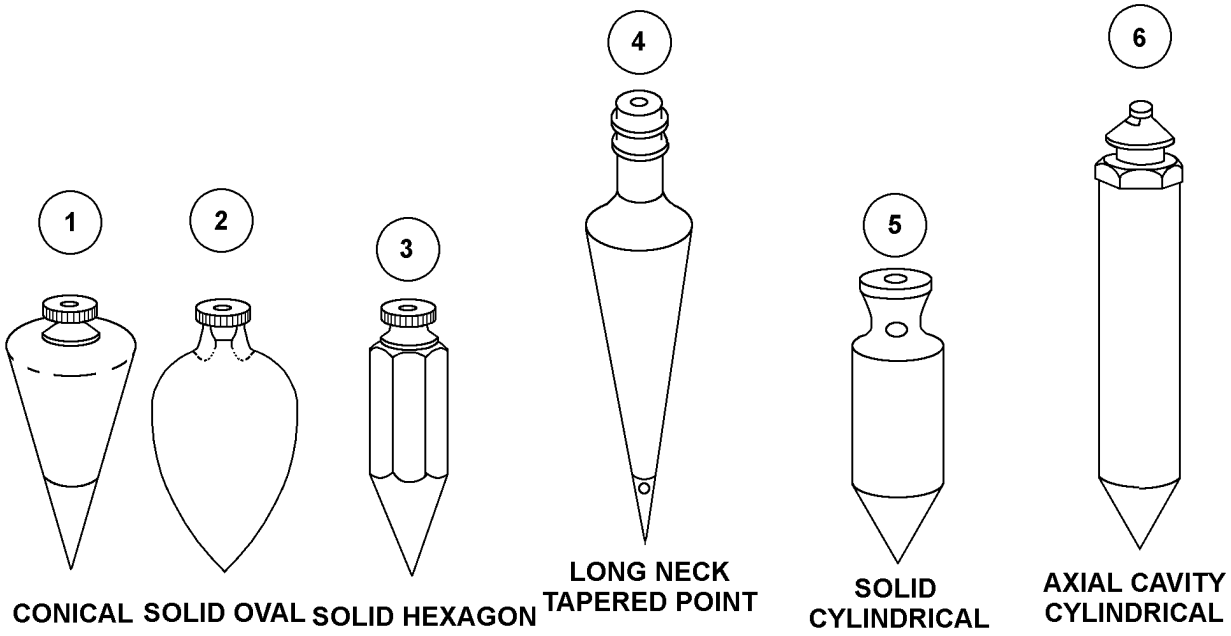
(No Requirements)

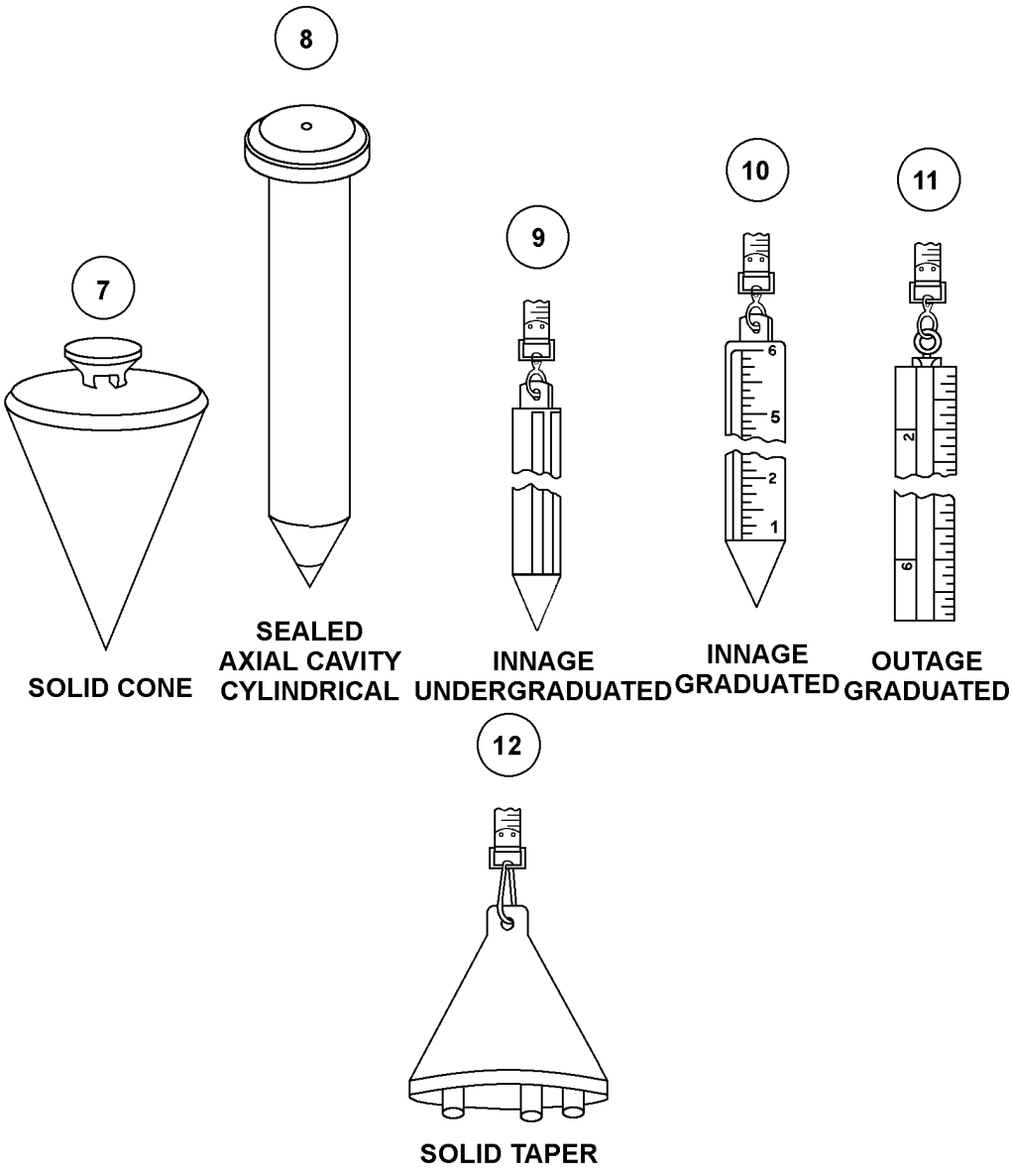


REFERENCE DRAWING GROUP C

PLUMB BOB SHAPES

(No Requirements)

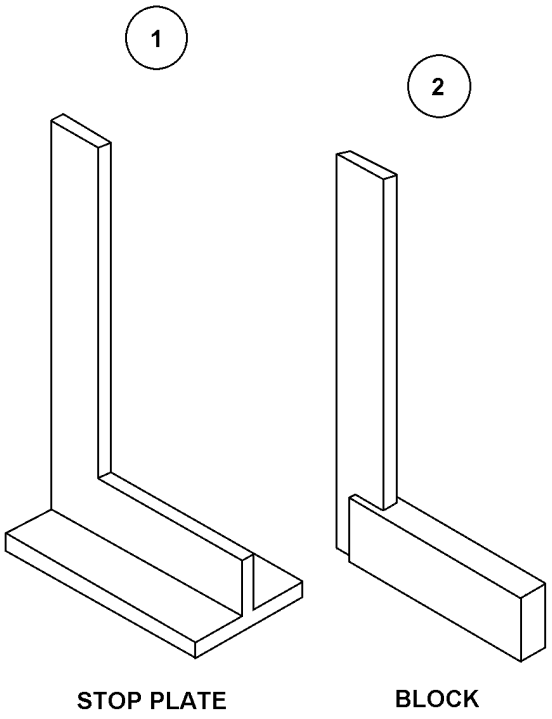



7
SOLID CONE
8
SEALED
AXIAL CAVITY
CYLINDRICAL
9
INNAGE
UNDERGRADUATED
10
INNAGE
GRADUATED
11
OUTAGE
GRADUATED
12
SOLID TAPER

REFERENCE DRAWING GROUP D

TRY SQUARE STYLES

(No Requirements) .



Technical Data Tables

STANDARD FRACTION TO DECIMAL CONVERSION CHART

4ths	8ths	16ths	32nds	64ths	To 3	To 4	4ths	8ths	16ths	32nds	64ths	To 3	To 4
				1/64	.016	.0156					33/64	.516	.5156
			1/32	-----	.031	.0312				17/32	------	.531	.5312
				3/64	.047	.0469					35/64	.547	.5469
		1/16	-----		.062	.0625			9/16	-----	-----	.562	.5625
				5/64	.078	.0781					37/64	.578	.5781
			3/32	-----	.094	.0938				19/32	------	.594	.5938
				7/64	.109	.1094					39/64	.609	.6094
	1/8	-----	-----	-----	.125	.1250		5/8	-----	-----	-----	.625	.6250
				9/64	.141	.1406					41/64	.641	.6406
			5/32	-----	.156	.1562				21/32	------	.656	.6562
				11/64	.172	.1719					43/64	.672	.6719
		3/16	-----	-----	.188	.1875			11/16	-----	-----	.688	.6875
				13/64	.203	.2031					45/64	.703	.7031
			7/32	------	.219	.2188				23/32	------	.719	.7188
				15/64	.234	.2344					47/64	.734	.7344
1/4	-----	-----	-----	-----	.250	.2500	3/4	-----	-----	-----	-----	.750	.7500
				17/64	.266	.2656					49/64	.766	.7656
			9/32	------	.281	.2812				25/32	------	.781	.7812
				19/64	.297	.2969					51/64	.797	.7969
		5/16	-----	-----	.312	.3125			13/16	-----	-----	.812	.8125
				21/64	.328	.3281					53/64	.828	.8281
			11/32	------	.344	.3438				27/32	------	.844	.8438
				23/64	.359	.3594					55/64	.859	.8594
	3/8	-----	-----	-----	.375	.3750		7/8	-----	-----	-----	.875	.8750
				25/64	.391	.3906					57/64	.891	.8906
			13/32	------	.406	.4062				29/32	------	.906	.9062
				27/64	.422	.4219					59/64	.922	.9219
		7/16	-----	-----	.438	.4375			15/16	-----	-----	.938	.9375
				29/64	.453	.4531					61/64	.953	.9531
			15/32	------	.469	.4688				31/32	------	.969	.9688
				31/64	.484	.4844					63/64	.984	.9844
					.500	.5000						1.000	1.0000

FIIG Change List

FIIG Change List, Effective September 3, 2010.

This change replaced with ISAC or and/or coding.